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APPENDIX 1

TRY OUT, PRE TEST AND POST TEST SCORE OF EXPERIMENTAL AND
CONTROL CLASS

The Score of Try Out Class

| No | Name | pre-test (x) | post-test (y) |
|----------|-------------------------|-----------------|------------------|
| 1. | Chaydar Hilmi | 58 | 62 |
| 2. | Fauziah Rahmawati | 73 | 75 |
| 3. | Firman Ramadhan Santoso | 66 | 70 |
| 4. | Heny Widiya Wati | 67 | 69 |
| 5. | Indana Lazulfah | 62 | 73 |
| 6. | Moch. Syamsul Arifin | 65 | 68 |
| 7. | Milri Handriyana | 61 | 70 |
| 8. | Moch. Irfa'uddin | 67 | 75 |
| 9. | Rina Fuji Astuti | 63 | 68 |
| 10 | Komarudin | 66 | 72 |
| 11. | Moch. Bambang Pamungkas | 64 | 67 |
| 12. | Putri Arnetas Sasabilna | 74 | 75 |
| 13. | Rina Anjar Sari | 66 | 70 |
| 14. | Riris Nur Kumalasari | 65 | 70 |
| 15. | Agnes Yustria | 59 | 65 |
| Σ | | 976 | 1049 |

The Score of Control Class

| No | Name | Pre-Test Score | Post-Test Score | D | D ² |
|-----|-----------------------|-------------------|--------------------|----|----------------|
| 1. | Bayu Adi Santoso | 10 | 55 | 45 | 2025 |
| 2. | Cahyo Andi Purnomo | 56 | 60 | 4 | 16 |
| 3. | Elvina Listi Maharani | 10 | 40 | 30 | 900 |
| 4. | Emilia Dwi Arista | 58 | 60 | 2 | 4 |
| 5. | Fadhilatur Rochmatin | 66 | 88 | 22 | 484 |
| 6. | Lili Nur Indah Sari | 40 | 50 | 10 | 100 |
| 7. | Mila Nadhifah | 65 | 71 | 6 | 36 |
| 8. | Mochamad Cahaya P | 38 | 54 | 16 | 256 |
| 9. | Muhammad Ergyo F | 48 | 53 | 3 | 9 |
| 10. | Muhammad Riza R | 48 | 53 | 3 | 9 |
| 11. | Nada Putriyunanto | 0 | 45 | 45 | 2025 |
| 12. | Nur Imamah | 34 | 58 | 24 | 576 |
| 13. | Nur Indah Maulidiyah | 34 | 58 | 24 | 576 |
| 14. | Abdul Rochman | 0 | 45 | 45 | 2015 |
| 15. | Adi Purnomo | 10 | 39 | 29 | 841 |
| 16. | Anis Kismiati | 49 | 61 | 12 | 144 |
| 17. | Aulia Deva Ferdana | 80 | 90 | 10 | 100 |
| 18. | Siti Nur Munazilah | 41 | 57 | 16 | 256 |
| 19. | Sonia Devi | 49 | 58 | 9 | 81 |
| 20. | Trio Bagas Wara | 56 | 60 | 4 | 16 |
| 21. | Wahyu Kurnia Citra D | 64 | 69 | 5 | 25 |
| 22. | 'Aldandy Nanda K | 48 | 49 | 1 | 1 |
| 23. | Arsita Meilia | 56 | 66 | 10 | 100 |
| 24. | Triana Nur Tika Sari | 80 | 86 | 6 | 36 |
| 25. | Alifah Nur Oktaviana | 35 | 46 | 11 | 121 |
| 26. | Bayu Setiawan | 66 | 77 | 11 | 121 |
| 27. | Bela Talia Salsa Bela | 40 | 53 | 13 | 169 |

| | | | | | |
|-----|--------------------|-------|-------|-----|-------|
| 28. | Chabib Rahmad H | 48 | 51 | 3 | 9 |
| 29. | Risma Rahmadiani | 45 | 63 | 18 | 324 |
| 30. | Dian Nur Avivah | 54 | 68 | 14 | 196 |
| 31. | Eka Wahyuningtyas | 66 | 71 | 5 | 25 |
| 32. | Fahmi Ferdiansyah | 56 | 59 | 3 | 9 |
| 33. | Fakhrudin Faiz M | 67 | 70 | 3 | 9 |
| 34. | Yulistiana Wardani | 48 | 63 | 15 | 225 |
| | Total | 1565 | 2046 | 477 | 11839 |
| | Mean | 46.02 | 60.17 | | |

The Score of Experimental Class

| No | Name | Pre-Test Score | Post-Test Score | D | D ² |
|-----|-----------------------|-------------------|--------------------|----|----------------|
| 1. | Alan Budi Prasetyo | 56 | 82 | 26 | 676 |
| 2. | Bagas Dika Febrianto | 7 | 57 | 50 | 2500 |
| 3. | Dyah Ayu Rahmawati | 47 | 84 | 37 | 1369 |
| 4. | Elvi Nur Amalia | 40 | 70 | 30 | 900 |
| 5. | Ifan Andre Wicahyo | 39 | 75 | 36 | 1296 |
| 6. | Indah Nur Kasanah | 34 | 69 | 35 | 1225 |
| 7. | Khisma Ahmad A'la' | 59 | 73 | 14 | 196 |
| 8. | Laily Rizky Amalia | 37 | 96 | 59 | 3481 |
| 9. | Moch Izzrul Roihan A | 34 | 91 | 57 | 3249 |
| 10. | Ibnu Ainul Yakin | 41 | 73 | 32 | 1024 |
| 11. | Jihan Iffa Suraya | 46 | 68 | 22 | 484 |
| 12. | Nisaul Maghfiroh | 46 | 60 | 14 | 196 |
| 13. | Novalia Nur Afani | 46 | 90 | 44 | 1936 |
| 14. | Rizky Eka M | 46 | 60 | 14 | 196 |
| 15. | Seli Dewi Safitri | 76 | 86 | 10 | 100 |
| 16. | Shendy Kusmawati | 40 | 90 | 50 | 2500 |
| 17. | Yasmine Angelita S P | 34 | 85 | 51 | 2601 |
| 18. | Moh Fakrul Munir | 41 | 62 | 21 | 441 |
| 19. | Pindi Dwi Rahayu | 56 | 97 | 41 | 1681 |
| 20. | Rosa Anggraini | 34 | 85 | 51 | 2601 |
| 21. | Siska Dwi Anggraini | 40 | 97 | 57 | 3249 |
| 22. | Abdul Khoiril | 7 | 40 | 33 | 1089 |
| 23. | Mokhamad Mauludin | 41 | 82 | 41 | 1681 |
| 24. | Sarah Fauziyyah Nur I | 63 | 85 | 22 | 484 |
| 25. | Suliani | 56 | 85 | 29 | 841 |
| 26. | Achmad Mubarok | 41 | 73 | 32 | 1024 |
| 27. | Adela Celianing Tyas | 66 | 76 | 10 | 100 |

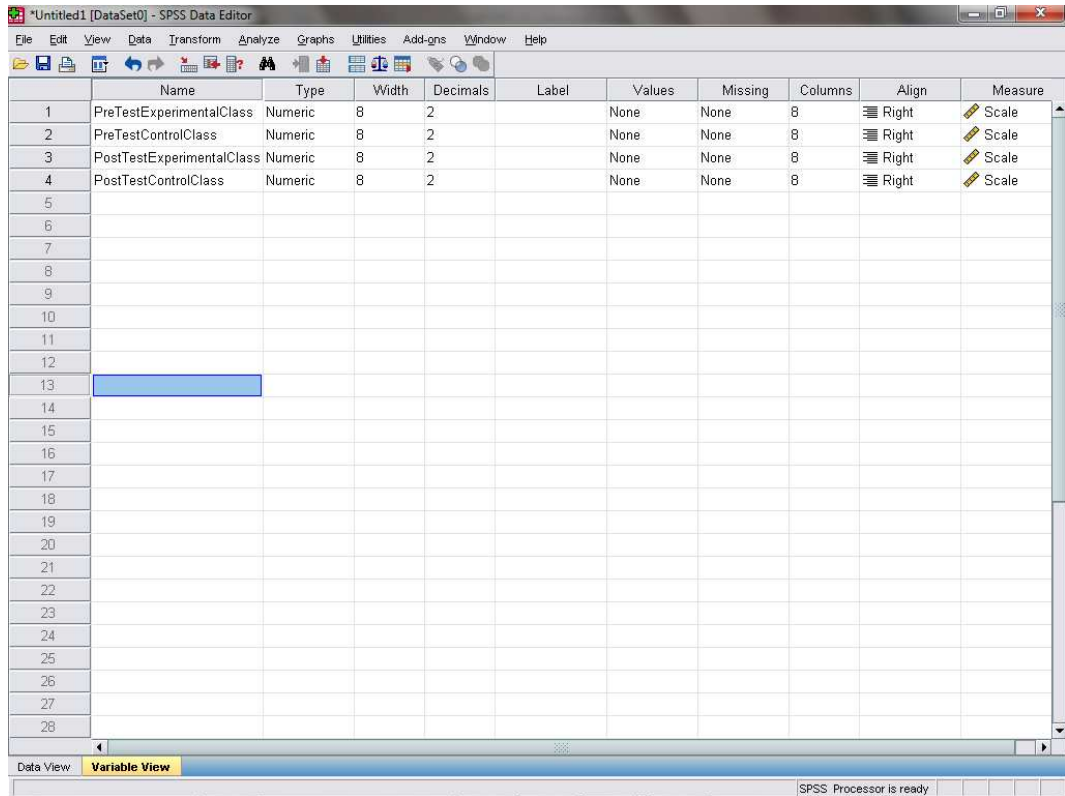
| | | | | | |
|-----|-------------------|-------|-------|------|-------|
| 28. | Afida Rahmah | 37 | 86 | 49 | 2401 |
| 39. | Alfin Dwi Saputra | 7 | 59 | 52 | 2704 |
| 30. | Bannafsya Syafa P | 47 | 85 | 38 | 1444 |
| 31. | Chory Sinthya N | 7 | 65 | 58 | 3364 |
| 32. | Dwi Pramono | 40 | 73 | 33 | 1089 |
| 33. | Fahlul Hisyam | 56 | 68 | 13 | 169 |
| 34. | Rizky Dwi Santika | 57 | 70 | 1161 | 48291 |
| | Total | 1424 | 2597 | | |
| | Mean | 41.88 | 76.38 | | |

APPENDIX 2

THE PROCESS OF ANALYSING THE DATA BY USING SPSS 16.00

This following is some steps to analyze the normality of the test by using SPSS 16.00:

- a. Determine the name of variable in the column of **Variable View**. In this step, the researcher uses pre-test and post-test score from two classes (experimental and control class).



- b. Click the **Data View** to show the result. Then, put each pre-test score in the column provided.

*Untitled1 [DataSet0] - SPSS Data Editor

File Edit View Data Transform Analyze Graphs Utilities Add-ons Window Help

25: Visible: 4 of 4 Variables

| | PreTestExperimentalClass | PreTestControlClass | PostTestExperimentalClasses | PostTestControlClass | var | var | var | var | var | var | var | var |
|----|--------------------------|---------------------|-----------------------------|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 56.00 | 10.00 | 82.00 | 55.00 | | | | | | | | |
| 2 | 7.00 | 56.00 | 57.00 | 60.00 | | | | | | | | |
| 3 | 47.00 | 10.00 | 84.00 | 40.00 | | | | | | | | |
| 4 | 40.00 | 58.00 | 70.00 | 60.00 | | | | | | | | |
| 5 | 39.00 | 66.00 | 75.00 | 88.00 | | | | | | | | |
| 6 | 34.00 | 40.00 | 69.00 | 50.00 | | | | | | | | |
| 7 | 59.00 | 65.00 | 73.00 | 71.00 | | | | | | | | |
| 8 | 37.00 | 38.00 | 96.00 | 54.00 | | | | | | | | |
| 9 | 34.00 | 48.00 | 91.00 | 53.00 | | | | | | | | |
| 10 | 41.00 | 48.00 | 73.00 | 53.00 | | | | | | | | |
| 11 | 46.00 | 0.00 | 68.00 | 45.00 | | | | | | | | |
| 12 | 46.00 | 34.00 | 60.00 | 58.00 | | | | | | | | |
| 13 | 46.00 | 34.00 | 90.00 | 58.00 | | | | | | | | |
| 14 | 46.00 | 0.00 | 60.00 | 45.00 | | | | | | | | |
| 15 | 76.00 | 10.00 | 86.00 | 39.00 | | | | | | | | |
| 16 | 40.00 | 49.00 | 90.00 | 61.00 | | | | | | | | |
| 17 | 34.00 | 80.00 | 85.00 | 90.00 | | | | | | | | |
| 18 | 41.00 | 41.00 | 62.00 | 57.00 | | | | | | | | |
| 19 | 56.00 | 49.00 | 97.00 | 58.00 | | | | | | | | |
| 20 | 34.00 | 56.00 | 85.00 | 60.00 | | | | | | | | |
| 21 | 40.00 | 64.00 | 97.00 | 69.00 | | | | | | | | |
| 22 | 7.00 | 48.00 | 40.00 | 49.00 | | | | | | | | |
| 23 | 41.00 | 56.00 | 82.00 | 66.00 | | | | | | | | |
| 24 | 63.00 | 80.00 | 85.00 | 86.00 | | | | | | | | |
| 25 | 56.00 | 35.00 | 85.00 | 46.00 | | | | | | | | |

Data View Variable View

SPSS Processor is ready

- c. After putting all the scores, then choose **analyze** → **Nonparametric Test**
 → **1-Sample K-S (One Sample Kolmogorov-Sminorv)**

*Untitled1 [DataSet0] - SPSS Data Editor

File Edit View Data Transform Analyze Graphs Utilities Add-ons Window Help

25: Visible: 4 of 4 Variables

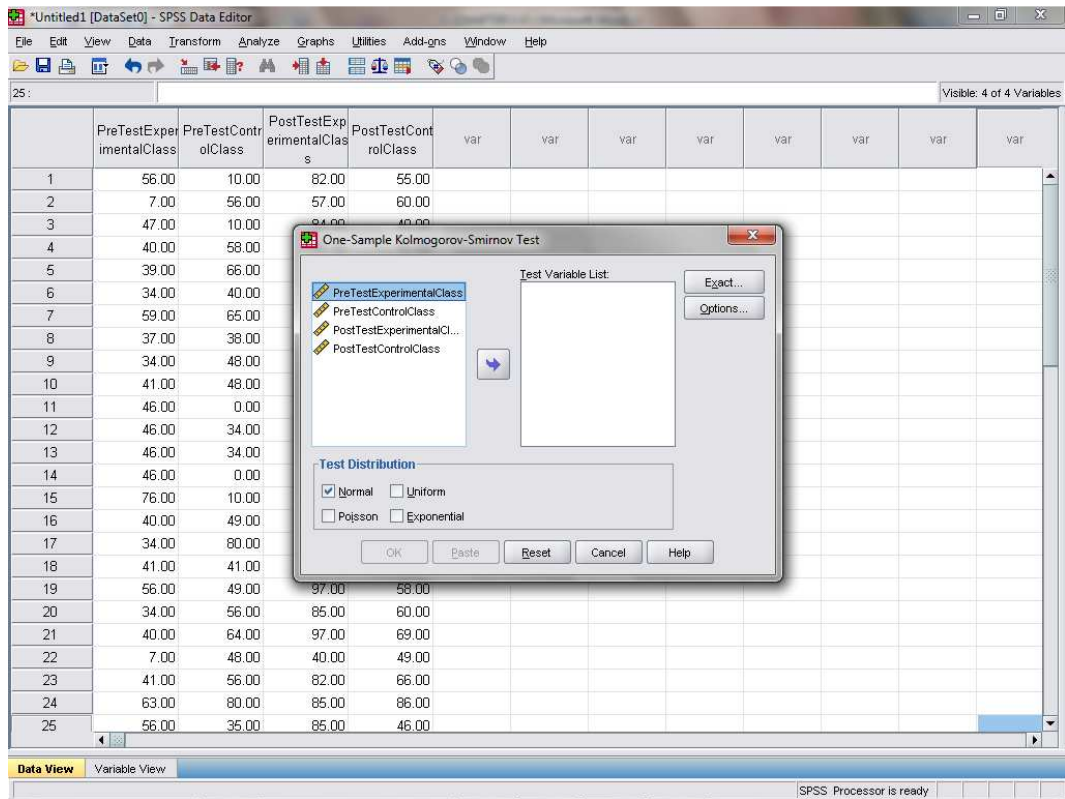
| | PreTestExperimentalClass | PreTestControlClass | PostTestExperimentalClasses | PostTestControlClass | var | var | var | var | var | var | var | var |
|----|--------------------------|---------------------|-----------------------------|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 56.00 | | | | | | | | | | | |
| 2 | 7.00 | | | | | | | | | | | |
| 3 | 47.00 | | | | | | | | | | | |
| 4 | 40.00 | | | | | | | | | | | |
| 5 | 39.00 | | | | | | | | | | | |
| 6 | 34.00 | | | | | | | | | | | |
| 7 | 59.00 | | | | | | | | | | | |
| 8 | 37.00 | | | | | | | | | | | |
| 9 | 34.00 | | | | | | | | | | | |
| 10 | 41.00 | | | | | | | | | | | |
| 11 | 46.00 | | | | | | | | | | | |
| 12 | 46.00 | | | | | | | | | | | |
| 13 | 46.00 | | | | | | | | | | | |
| 14 | 46.00 | | | | | | | | | | | |
| 15 | 76.00 | | | | | | | | | | | |
| 16 | 40.00 | | | | | | | | | | | |
| 17 | 34.00 | | | | | | | | | | | |
| 18 | 41.00 | 41.00 | 62.00 | 57.00 | | | | | | | | |
| 19 | 56.00 | 49.00 | 97.00 | 58.00 | | | | | | | | |
| 20 | 34.00 | 56.00 | 85.00 | 60.00 | | | | | | | | |
| 21 | 40.00 | 64.00 | 97.00 | 69.00 | | | | | | | | |
| 22 | 7.00 | 48.00 | 40.00 | 49.00 | | | | | | | | |
| 23 | 41.00 | 56.00 | 82.00 | 66.00 | | | | | | | | |
| 24 | 63.00 | 80.00 | 85.00 | 86.00 | | | | | | | | |
| 25 | 56.00 | 35.00 | 85.00 | 46.00 | | | | | | | | |

Data View Variable View

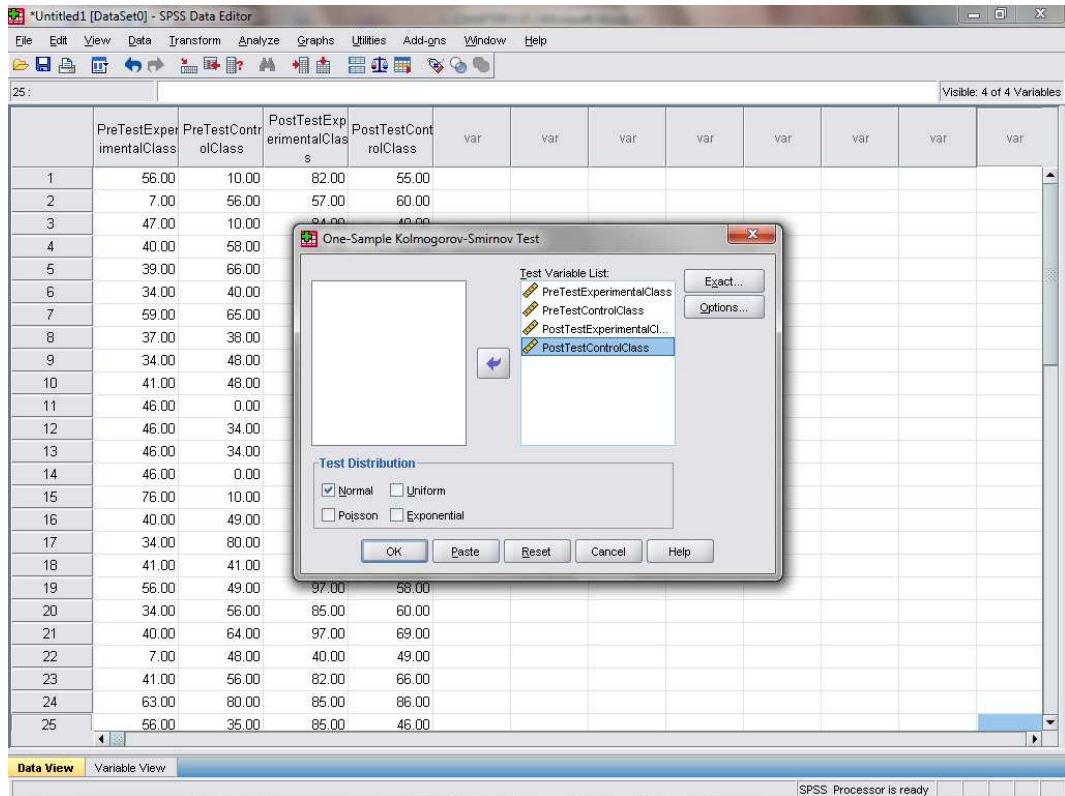
SPSS Processor is ready

1-Sample K-S...

- d. Column of One-Sample Kolmogorov-Sminov Test will be appeared.
Then, you should put each data to the **Test Variable List** column.



- e. When all of data is in the **Test Variable List** column, click **OK**



f. The output of data processing is appeared.

SPSS Viewer window showing the output of a One-Sample Kolmogorov-Smirnov Test. The output is displayed in a table format.

NPar Tests

[DataSet0]

One-Sample Kolmogorov-Smirnov Test

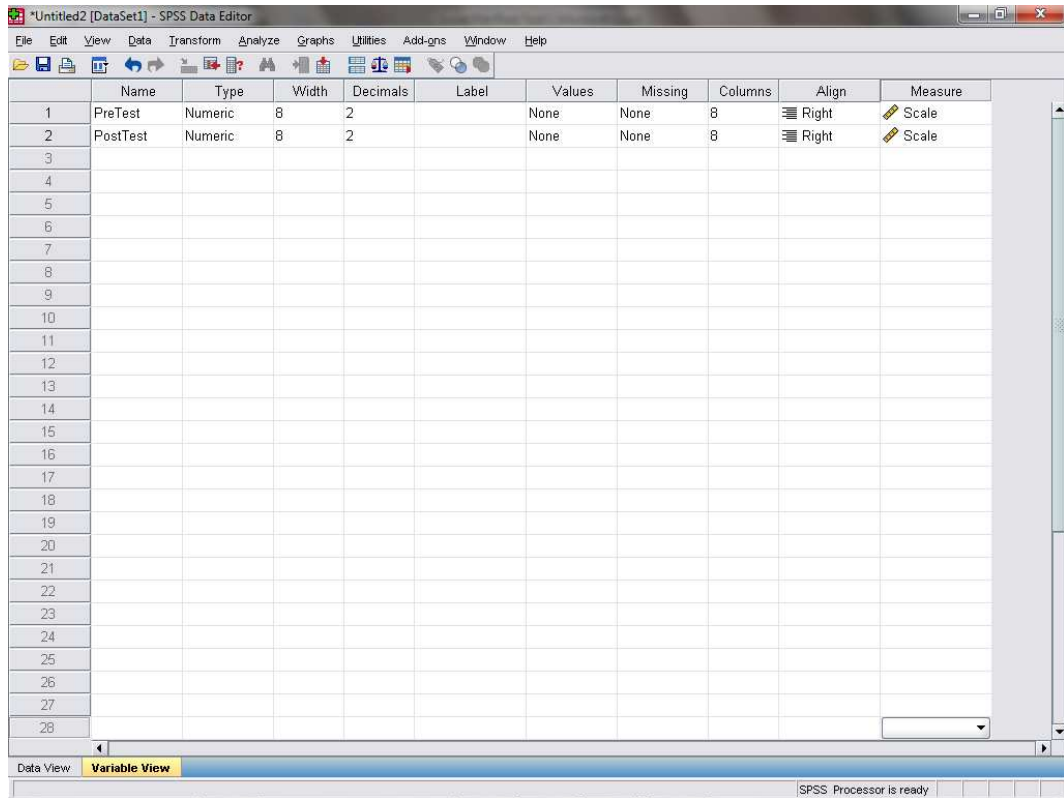
| | | PreTest Experimental Class | PreTest ControlClass | PostTest Experimental Class | PostTest ControlClass |
|--------------------------------|----------------|----------------------------------|-------------------------|-----------------------------------|--------------------------|
| N | | 34 | 34 | 34 | 34 |
| Normal Parameters ^a | Mean | 41.8824 | 46.0294 | 76.3824 | 60.1765 |
| | Std. Deviation | 16.34804 | 20.57873 | 13.13800 | 12.56371 |
| Most Extreme Differences | Absolute | .197 | .156 | .136 | .123 |
| | Positive | .112 | .107 | .072 | .123 |
| | Negative | -.197 | -.156 | -.136 | -.068 |
| Kolmogorov-Smirnov Z | | 1.150 | .908 | .794 | .719 |
| Asymp. Sig. (2-tailed) | | .142 | .381 | .554 | .680 |

a. Test distribution is Normal.

SPSS Processor is ready

This following is some steps to analyze the reliability of the test by using SPSS 16.00:

- a. Determine the name of variable in the column of **Variable View**. In this step, the researcher uses pre-test and post-test score from try out test.



- b. Click the **Data View** to show the result. After that, put the pre-test and post-test score in each column provided.

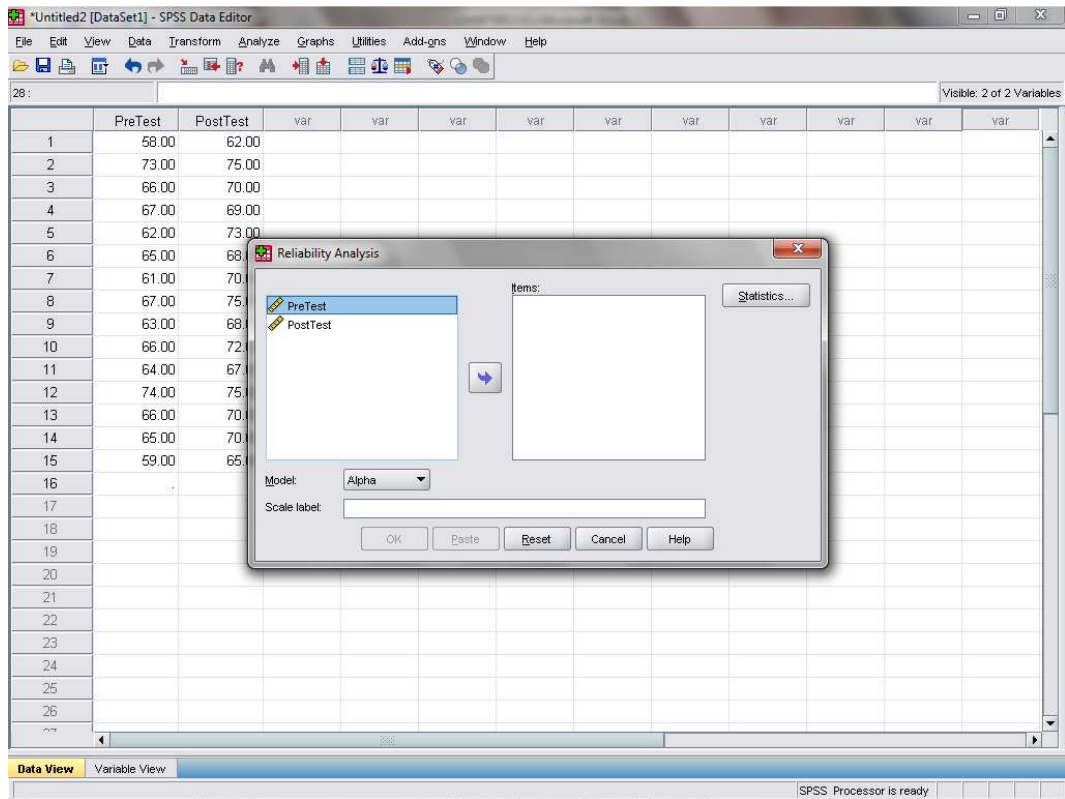
The screenshot shows the SPSS Data Editor window with the 'Data View' tab selected. The data is organized into columns: 'PreTest', 'PostTest', and several empty columns labeled 'var'. The rows are numbered 1 through 26. The data values are as follows:

| Row | PreTest | PostTest | var | var | var | var | var | var | var | var | var | var |
|-----|---------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 58.00 | 62.00 | | | | | | | | | | |
| 2 | 73.00 | 75.00 | | | | | | | | | | |
| 3 | 66.00 | 70.00 | | | | | | | | | | |
| 4 | 67.00 | 69.00 | | | | | | | | | | |
| 5 | 62.00 | 73.00 | | | | | | | | | | |
| 6 | 65.00 | 68.00 | | | | | | | | | | |
| 7 | 61.00 | 70.00 | | | | | | | | | | |
| 8 | 67.00 | 75.00 | | | | | | | | | | |
| 9 | 63.00 | 68.00 | | | | | | | | | | |
| 10 | 66.00 | 72.00 | | | | | | | | | | |
| 11 | 64.00 | 67.00 | | | | | | | | | | |
| 12 | 74.00 | 75.00 | | | | | | | | | | |
| 13 | 66.00 | 70.00 | | | | | | | | | | |
| 14 | 65.00 | 70.00 | | | | | | | | | | |
| 15 | 59.00 | 65.00 | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | |

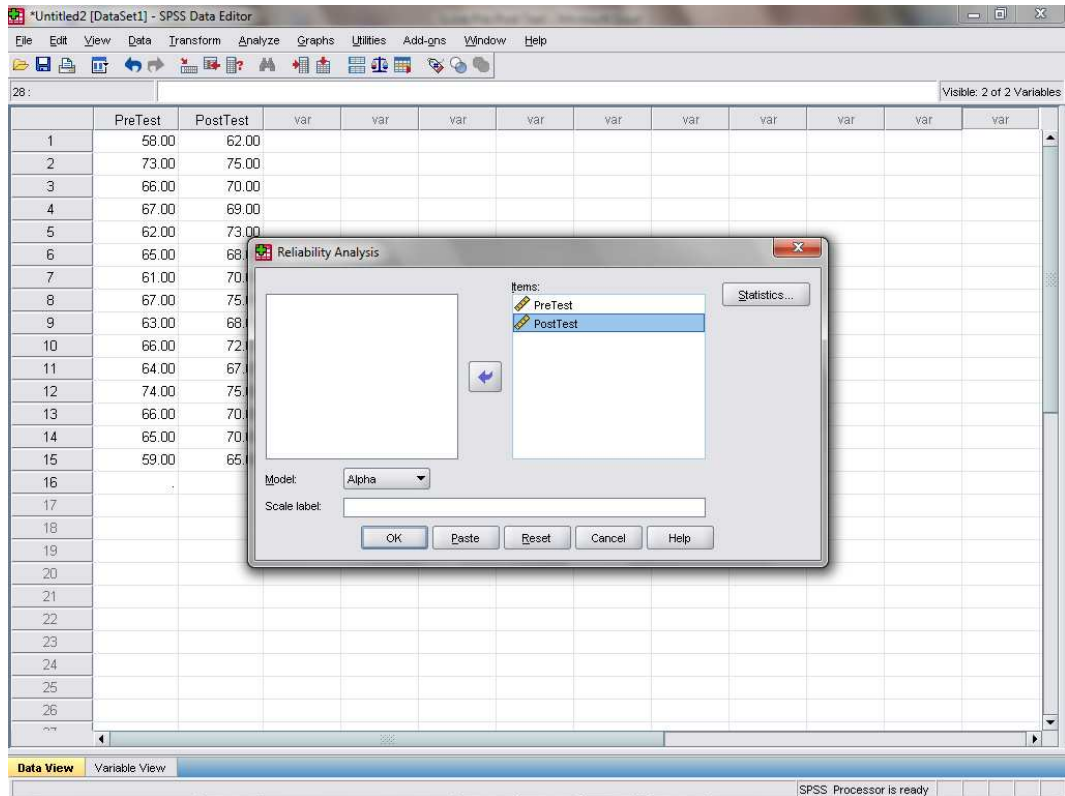
- c. Choose **Analyze** → **Scale** → **Reliability Analysis**

The screenshot shows the SPSS Data Editor window with the 'Analyze' menu open. The path 'Analyze' → 'Scale' → 'Reliability Analysis...' is highlighted. The data table is visible in the background, showing the same data as in the previous screenshot.

- d. Column of **Reliability Analysis** is appeared. Then, the data of Pre-test and Post-test should be moved to the **Item** column.



- e. Make sure that the data pre-test and post test is in the **Item** column.



f. Click **OK**, and the output of processing data is appeared.

The screenshot shows the SPSS Viewer window with the following content:

```

NEW FILE.
DATASET NAME DataSet1 WINDOW=FRONT.
RELIABILITY
/VARIABLES=PreTest PostTest
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA.
  
```

Reliability

[DataSet1]

Scale: ALL

Case Processing Summary

| | | N | % |
|-------|-----------------------|----|-------|
| Cases | Valid | 15 | 93.8 |
| | Excluded ^a | 1 | 6.2 |
| | Total | 16 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

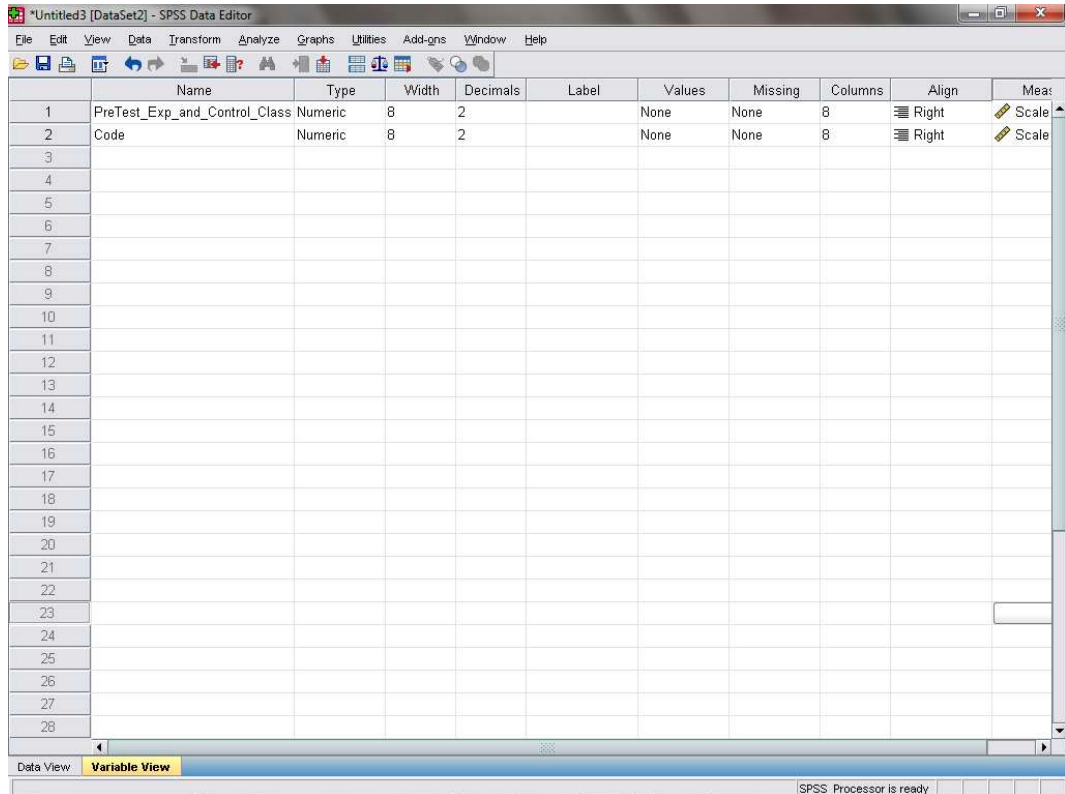
Reliability Statistics

| Cronbach's Alpha | N of Items |
|------------------|------------|
| .869 | 2 |

SPSS Processor is ready

This following is some steps to analyze the homogeneity of the test by using SPSS 16.00:

- a. Determine the name of variable in the column of **Variable View**. In this step, the researcher uses pre-test score of experimental and control class. Put the variable name 'Pretest experimental and control class' in the first column and 'Code' in the second column.



- b. Put the pre-test score of experimental class in the first place. Then pre-test score of control class in the second place. In the column of **Code**, give code '1.00' to score of experimental class and code '2.00' to score of control class.

The screenshot shows the SPSS Data Editor interface. The main window displays a data table with the following structure:

| | PreTest_Exp_and_Control_Class | Code | var | var | var | var | var | var | var | var | var | var |
|----|-------------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 56.00 | 1.00 | | | | | | | | | | |
| 2 | 7.00 | 1.00 | | | | | | | | | | |
| 3 | 47.00 | 1.00 | | | | | | | | | | |
| 4 | 40.00 | 1.00 | | | | | | | | | | |
| 5 | 39.00 | 1.00 | | | | | | | | | | |
| 6 | 34.00 | 1.00 | | | | | | | | | | |
| 7 | 59.00 | 1.00 | | | | | | | | | | |
| 8 | 37.00 | 1.00 | | | | | | | | | | |
| 9 | 34.00 | 1.00 | | | | | | | | | | |
| 10 | 41.00 | 1.00 | | | | | | | | | | |
| 11 | 46.00 | 1.00 | | | | | | | | | | |
| 12 | 46.00 | 1.00 | | | | | | | | | | |
| 13 | 46.00 | 1.00 | | | | | | | | | | |
| 14 | 46.00 | 1.00 | | | | | | | | | | |
| 15 | 76.00 | 1.00 | | | | | | | | | | |
| 16 | 40.00 | 1.00 | | | | | | | | | | |
| 17 | 34.00 | 1.00 | | | | | | | | | | |
| 18 | 41.00 | 1.00 | | | | | | | | | | |
| 19 | 56.00 | 1.00 | | | | | | | | | | |
| 20 | 34.00 | 1.00 | | | | | | | | | | |
| 21 | 40.00 | 1.00 | | | | | | | | | | |
| 22 | 7.00 | 1.00 | | | | | | | | | | |
| 23 | 41.00 | 1.00 | | | | | | | | | | |
| 24 | 63.00 | 1.00 | | | | | | | | | | |
| 25 | 56.00 | 1.00 | | | | | | | | | | |

The interface includes a menu bar (File, Edit, View, Data, Transform, Analyze, Graphs, Utilities, Add-ons, Window, Help), a toolbar, and a status bar at the bottom indicating 'SPSS Processor is ready'.

*Untitled3 [DataSet2] - SPSS Data Editor

File Edit View Data Transform Analyze Graphs Utilities Add-ons Window Help

58 : Visible: 2 of 2 Variables

| | PreTest_Exp _and_Control _Class | Code | var | var | var | var | var | var | var | var | var | var |
|----|---------------------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 35 | 10.00 | 2.00 | | | | | | | | | | |
| 36 | 56.00 | 2.00 | | | | | | | | | | |
| 37 | 10.00 | 2.00 | | | | | | | | | | |
| 38 | 58.00 | 2.00 | | | | | | | | | | |
| 39 | 66.00 | 2.00 | | | | | | | | | | |
| 40 | 40.00 | 2.00 | | | | | | | | | | |
| 41 | 65.00 | 2.00 | | | | | | | | | | |
| 42 | 38.00 | 2.00 | | | | | | | | | | |
| 43 | 48.00 | 2.00 | | | | | | | | | | |
| 44 | 48.00 | 2.00 | | | | | | | | | | |
| 45 | 0.00 | 2.00 | | | | | | | | | | |
| 46 | 34.00 | 2.00 | | | | | | | | | | |
| 47 | 34.00 | 2.00 | | | | | | | | | | |
| 48 | 0.00 | 2.00 | | | | | | | | | | |
| 49 | 10.00 | 2.00 | | | | | | | | | | |
| 50 | 49.00 | 2.00 | | | | | | | | | | |
| 51 | 80.00 | 2.00 | | | | | | | | | | |
| 52 | 41.00 | 2.00 | | | | | | | | | | |
| 53 | 49.00 | 2.00 | | | | | | | | | | |
| 54 | 56.00 | 2.00 | | | | | | | | | | |
| 55 | 64.00 | 2.00 | | | | | | | | | | |
| 56 | 48.00 | 2.00 | | | | | | | | | | |
| 57 | 56.00 | 2.00 | | | | | | | | | | |
| 58 | 80.00 | 2.00 | | | | | | | | | | |
| 59 | 35.00 | 2.00 | | | | | | | | | | |

Data View Variable View

SPSS Processor is ready

c. Choose Analyze → Compare Means → Independent Samples T Test

*Untitled3 [DataSet2] - SPSS Data Editor

File Edit View Data Transform Analyze Graphs Utilities Add-ons Window Help

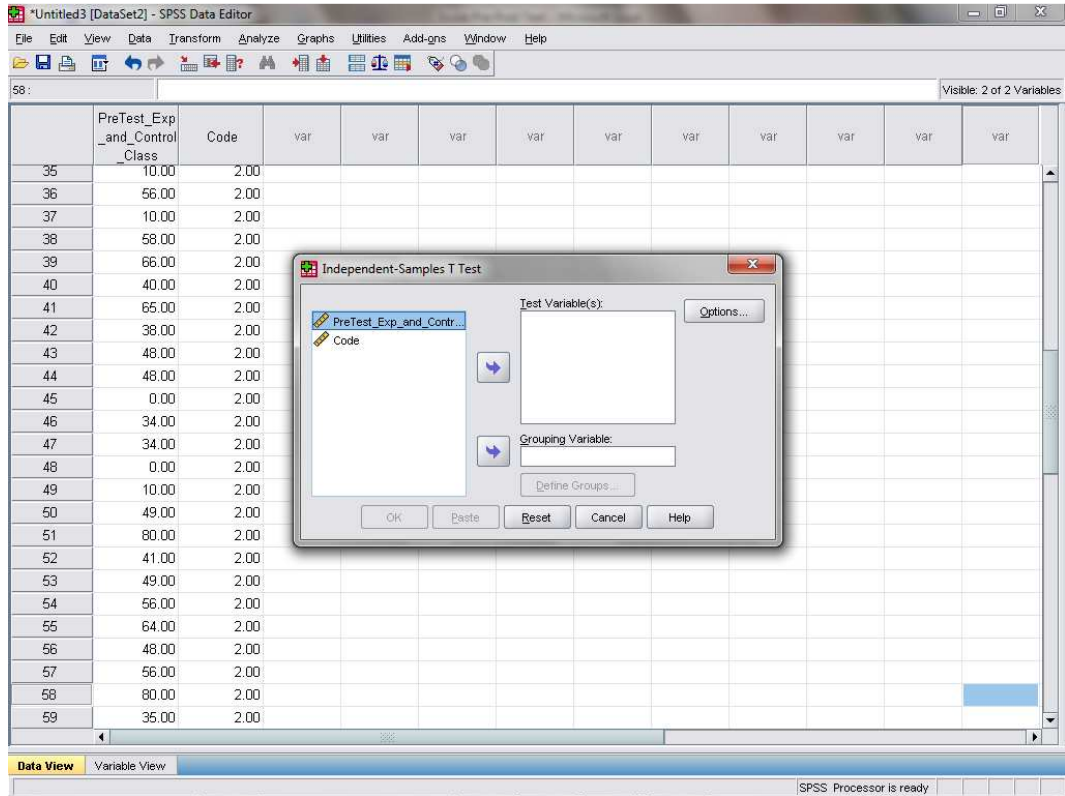
58 : Visible: 2 of 2 Variables

| | PreTest_Exp _and_Control _Class | Code | var | var | var | var | var | var | var | var | var | var |
|----|---------------------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 35 | 10.00 | | | | | | | | | | | |
| 36 | 56.00 | | | | | | | | | | | |
| 37 | 10.00 | | | | | | | | | | | |
| 38 | 58.00 | | | | | | | | | | | |
| 39 | 66.00 | | | | | | | | | | | |
| 40 | 40.00 | | | | | | | | | | | |
| 41 | 65.00 | | | | | | | | | | | |
| 42 | 38.00 | | | | | | | | | | | |
| 43 | 48.00 | | | | | | | | | | | |
| 44 | 48.00 | | | | | | | | | | | |
| 45 | 0.00 | | | | | | | | | | | |
| 46 | 34.00 | | | | | | | | | | | |
| 47 | 34.00 | | | | | | | | | | | |
| 48 | 0.00 | | | | | | | | | | | |
| 49 | 10.00 | | | | | | | | | | | |
| 50 | 49.00 | | | | | | | | | | | |
| 51 | 80.00 | | | | | | | | | | | |
| 52 | 41.00 | | | | | | | | | | | |
| 53 | 49.00 | | | | | | | | | | | |
| 54 | 56.00 | | | | | | | | | | | |
| 55 | 64.00 | | | | | | | | | | | |
| 56 | 48.00 | | | | | | | | | | | |
| 57 | 56.00 | | | | | | | | | | | |
| 58 | 80.00 | | | | | | | | | | | |
| 59 | 35.00 | | | | | | | | | | | |

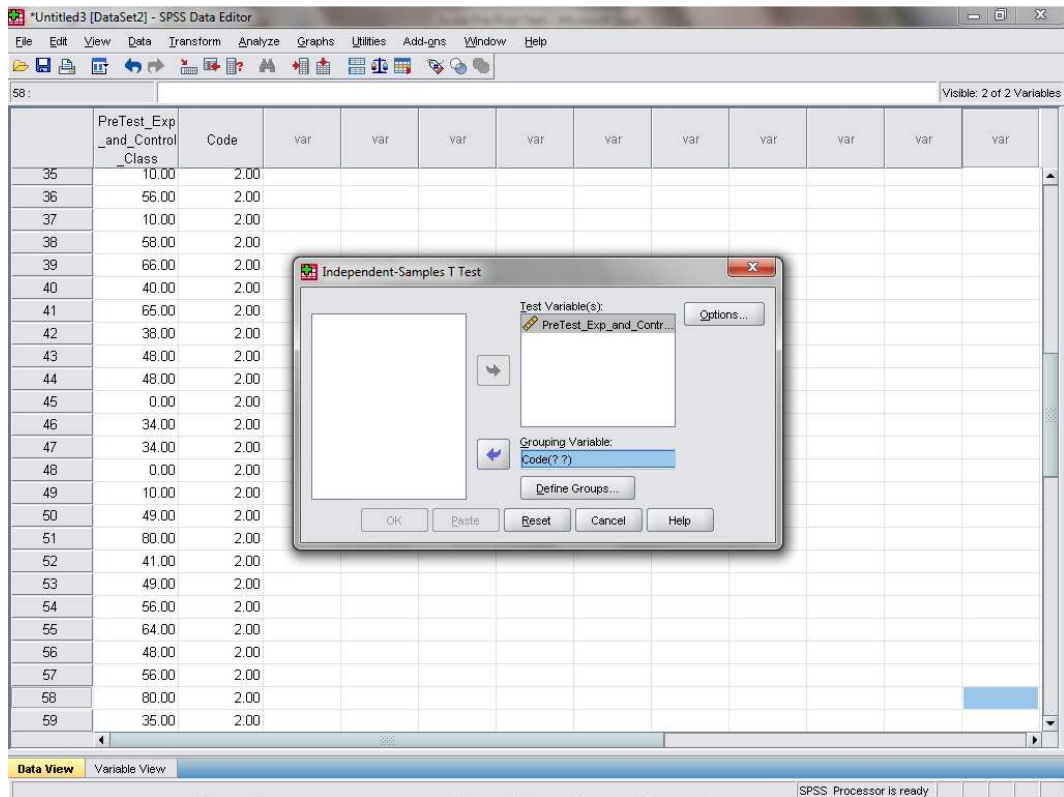
Data View Variable View

Independent-Samples T Test... SPSS Processor is ready

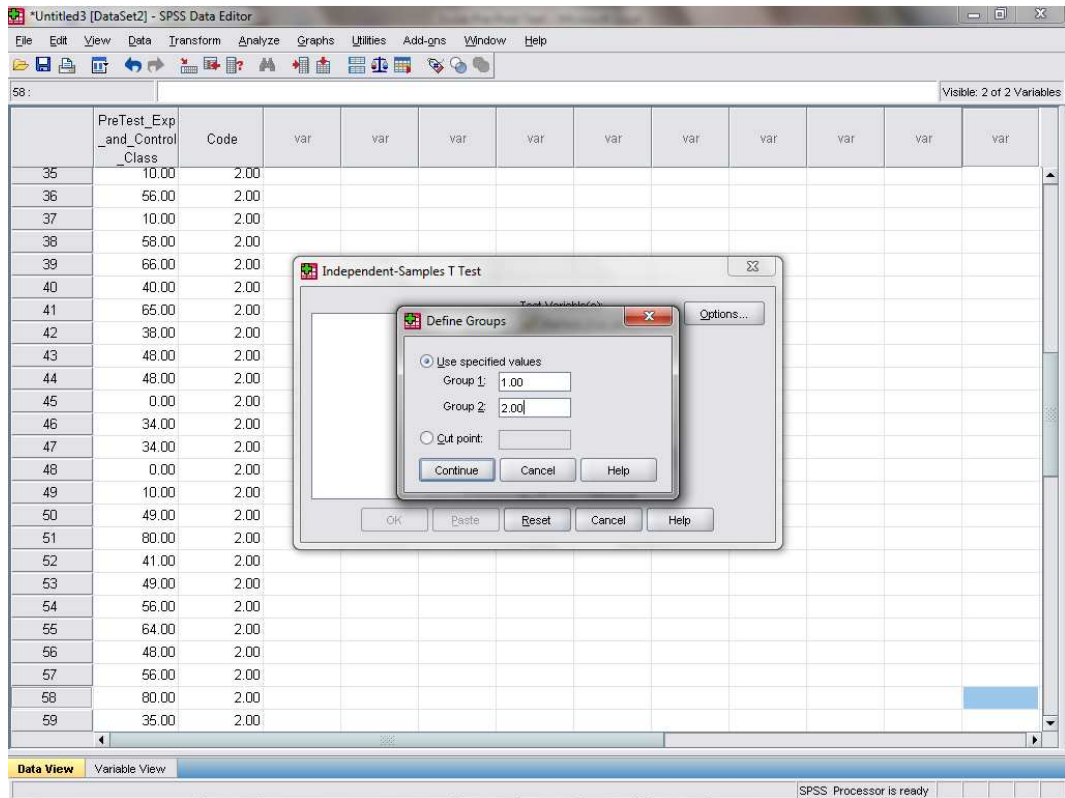
- d. After doing the steps above, column of Independent Sample T Test will be appeared. Next step is moving the data into right column. Put the first data into **Test Variable (x)** column and the second data into **Grouping Variable**.



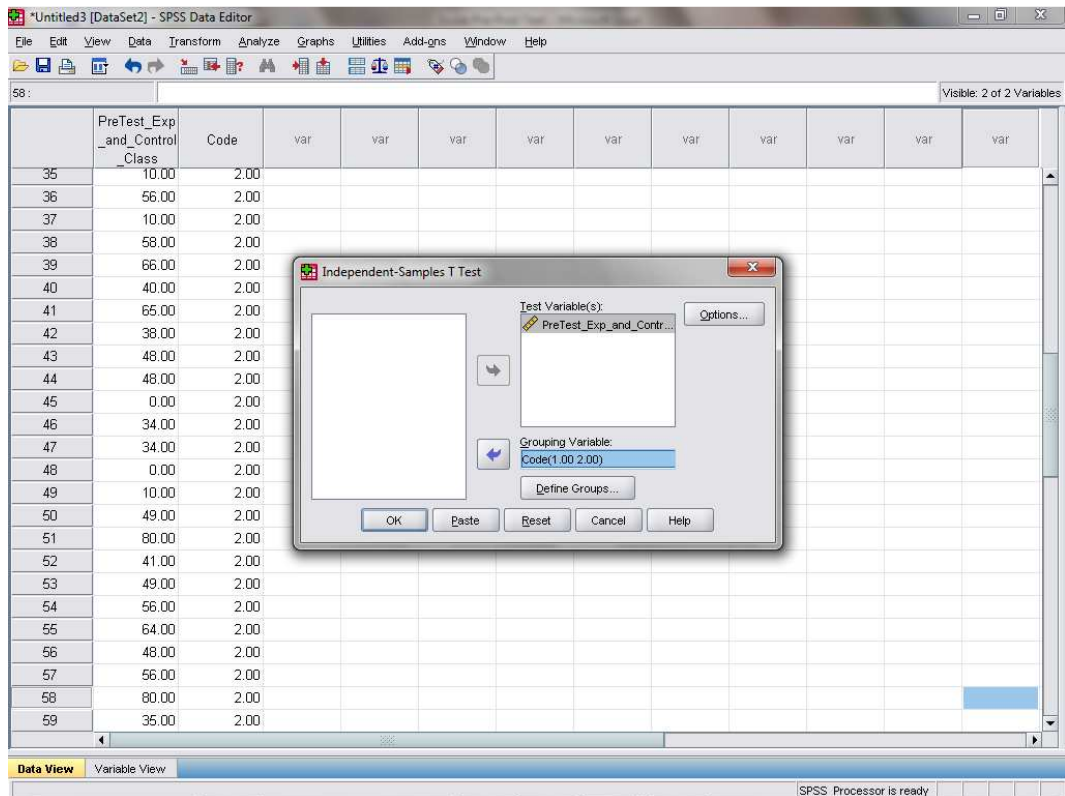
- e. When the data is in the column of **Test Variable (x) and Grouping Variable**, you should define the group by choose **Define Group** column.



- f. The **Define Grouping** box is appeared. Then, you should enter code of the data. Give code '1.00' to Group 1 and code '2.00' to Group 2 and click **Continue**.



g. When you click **Continue**, the box of **Define Group** is lost. Then click **OK**



h. The output of processing data will appear.

The screenshot shows the SPSS Viewer window with the following content:

```

NEW FILE.
DATASET NAME DataSet2 WINDOW=FRONT.
T-TEST GROUPS=Code(1.00 2.00)
/MISSING=ANALYSIS
/VARIABLES=PreTest_Exp_and_Control_Class
/CRITERIA=CI(.9500).
  
```

T-Test

[DataSet2]

Group Statistics

| | Code | N | Mean | Std. Deviation | Std. Error Mean |
|-------------------------------|------|----|---------|----------------|-----------------|
| PreTest_Exp_and_Control_Class | 1 | 34 | 41.8824 | 16.34804 | 2.80367 |
| | 2 | 34 | 46.0284 | 20.67873 | 3.52922 |

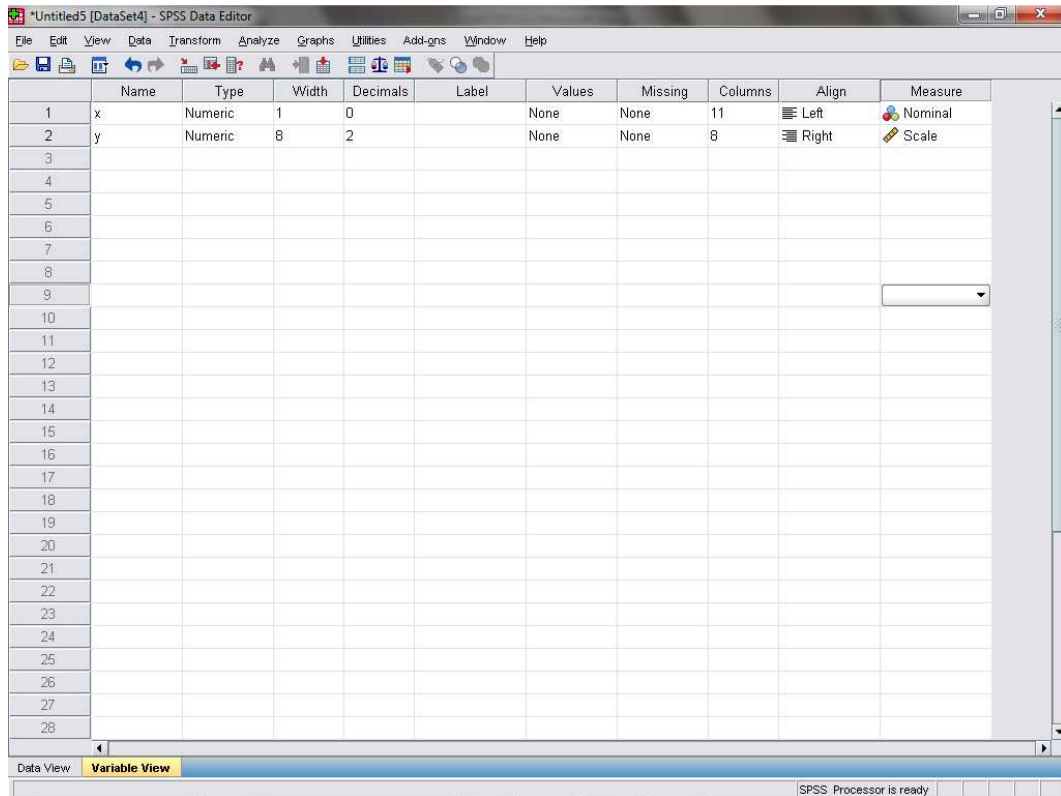
Independent Samples Test

| | Levene's Test for Equality of Variances | t-test for Equality of Means | | | | | | | | |
|-------------------------------|---|------------------------------|------|-------|--------|-----------------|-----------------|-----------------------|---|---------|
| | | F | | t | | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
| | | | Sig. | | df | | | | Lower | Upper |
| PreTest_Exp_and_Control_Class | Equal variances assumed | 1.674 | .200 | -.920 | 66 | .361 | -4.14706 | 4.50732 | -13.14622 | 4.85210 |
| | Equal variances not assumed | | | -.920 | 62.788 | .361 | -4.14706 | 4.50732 | -13.15482 | 4.86070 |

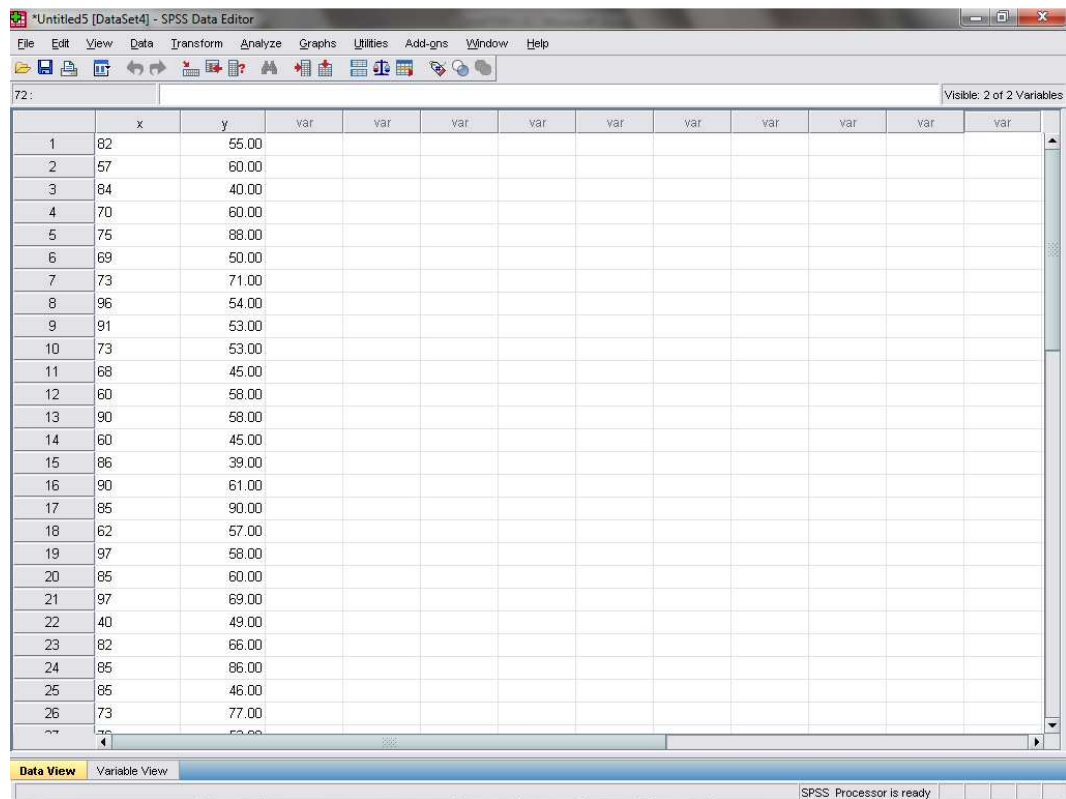
SPSS Processor is ready

This following is some steps to analyze the T-Test by using SPSS 16.00:

- a. Determine the name of variable in the column of **Variable View**. In this step, the researcher uses variable name “x and y” as the post-test score of experimental and control class. Put the variable name ‘x’ as post-test score of experimental class in the first column and and variable name ‘y’ as post-testscore of control class in the second column.



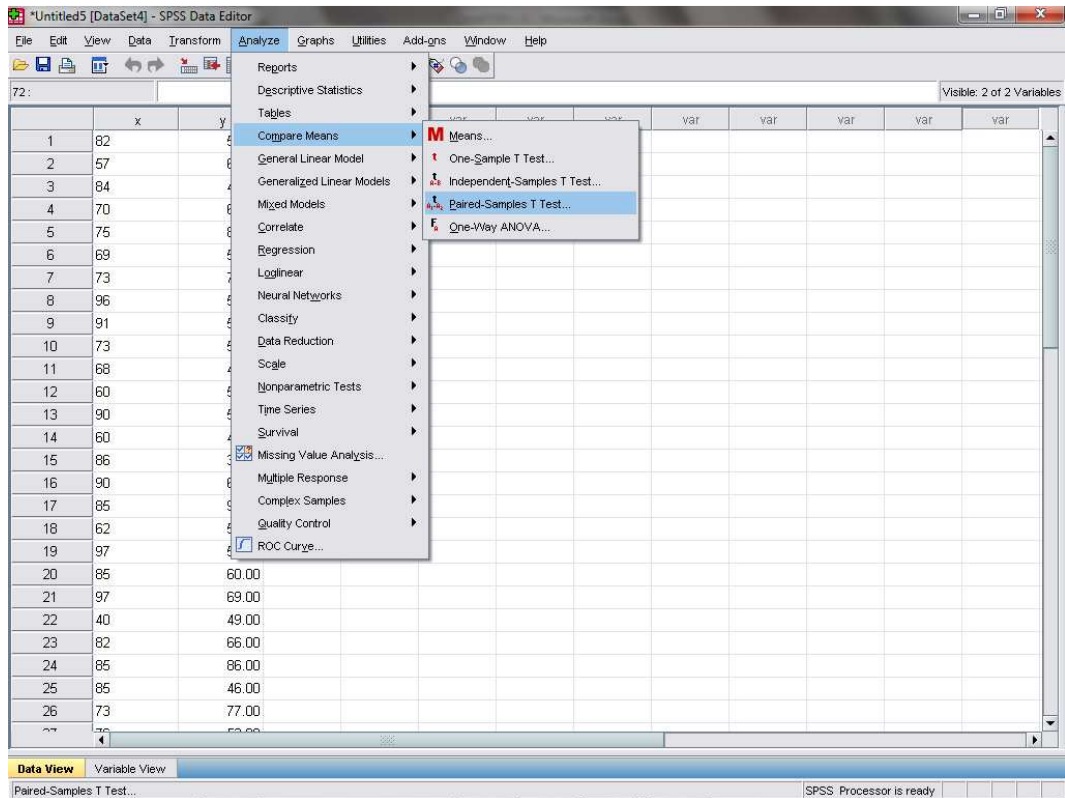
- b. Put the post-test score of experimental class in column of x variable and post-test score of control class in column of y variable.



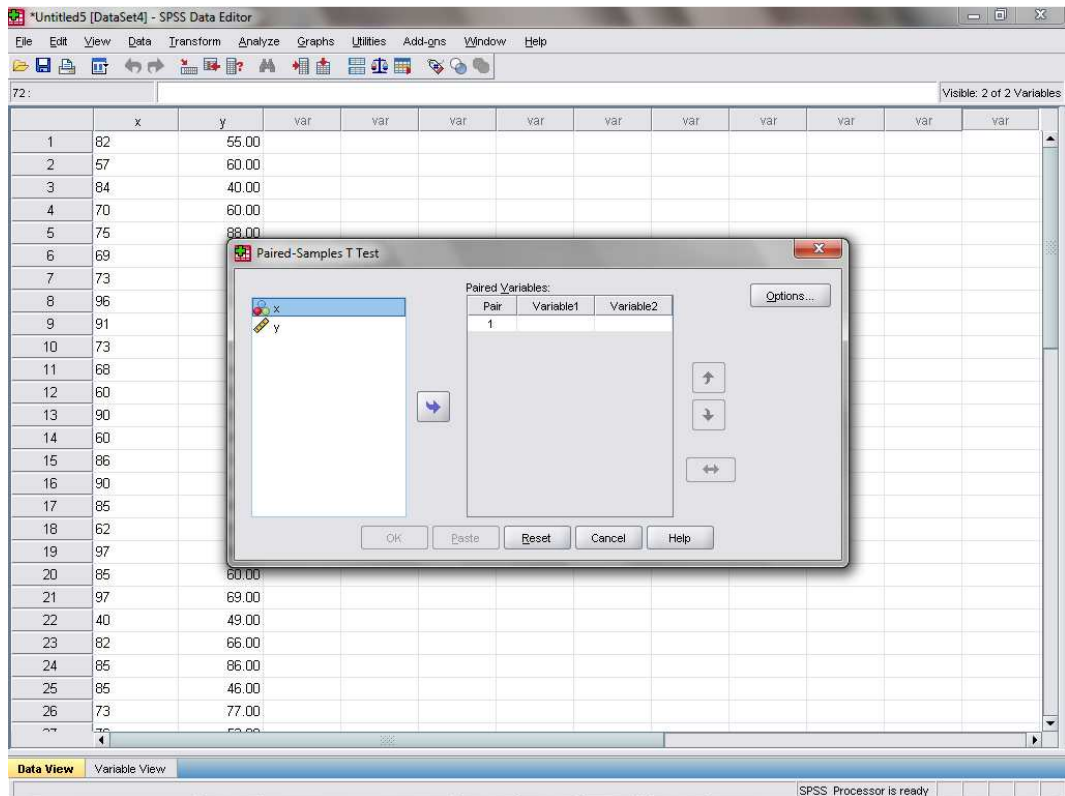
The screenshot shows the SPSS Data Editor window with a dataset named 'Untitled5 [DataSet4]'. The data is displayed in a grid with two columns, 'x' and 'y', and 27 rows. The 'x' column contains the post-test scores for the experimental class, and the 'y' column contains the post-test scores for the control class. The status bar at the bottom indicates 'SPSS Processor is ready'.

| | x | y | var | var | var | var | var | var | var | var | var | var |
|----|----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 82 | 55.00 | | | | | | | | | | |
| 2 | 57 | 60.00 | | | | | | | | | | |
| 3 | 84 | 40.00 | | | | | | | | | | |
| 4 | 70 | 60.00 | | | | | | | | | | |
| 5 | 75 | 88.00 | | | | | | | | | | |
| 6 | 69 | 50.00 | | | | | | | | | | |
| 7 | 73 | 71.00 | | | | | | | | | | |
| 8 | 96 | 54.00 | | | | | | | | | | |
| 9 | 91 | 53.00 | | | | | | | | | | |
| 10 | 73 | 53.00 | | | | | | | | | | |
| 11 | 68 | 45.00 | | | | | | | | | | |
| 12 | 60 | 58.00 | | | | | | | | | | |
| 13 | 90 | 58.00 | | | | | | | | | | |
| 14 | 60 | 45.00 | | | | | | | | | | |
| 15 | 86 | 39.00 | | | | | | | | | | |
| 16 | 90 | 61.00 | | | | | | | | | | |
| 17 | 85 | 90.00 | | | | | | | | | | |
| 18 | 62 | 57.00 | | | | | | | | | | |
| 19 | 97 | 58.00 | | | | | | | | | | |
| 20 | 85 | 60.00 | | | | | | | | | | |
| 21 | 97 | 69.00 | | | | | | | | | | |
| 22 | 40 | 49.00 | | | | | | | | | | |
| 23 | 82 | 66.00 | | | | | | | | | | |
| 24 | 85 | 86.00 | | | | | | | | | | |
| 25 | 85 | 46.00 | | | | | | | | | | |
| 26 | 73 | 77.00 | | | | | | | | | | |
| 27 | 41 | 55.00 | | | | | | | | | | |

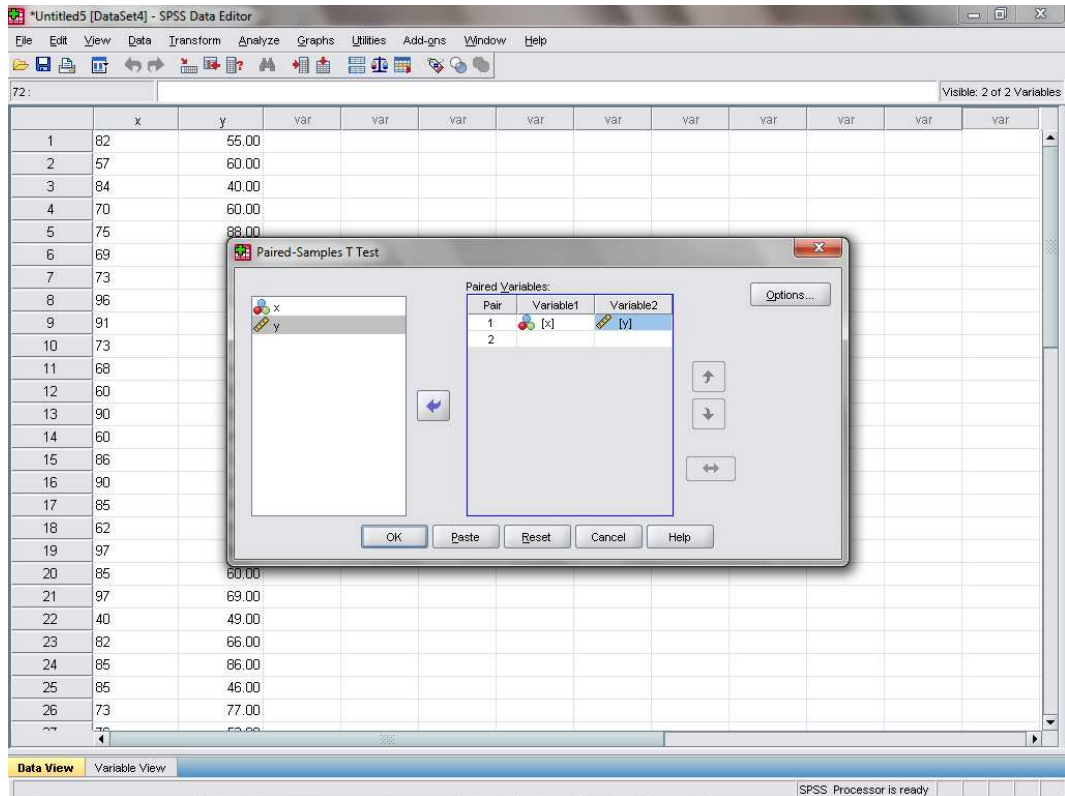
- c. Then, you should choose **Analyze** → **Compare Means** → **Paired Samples T Test**



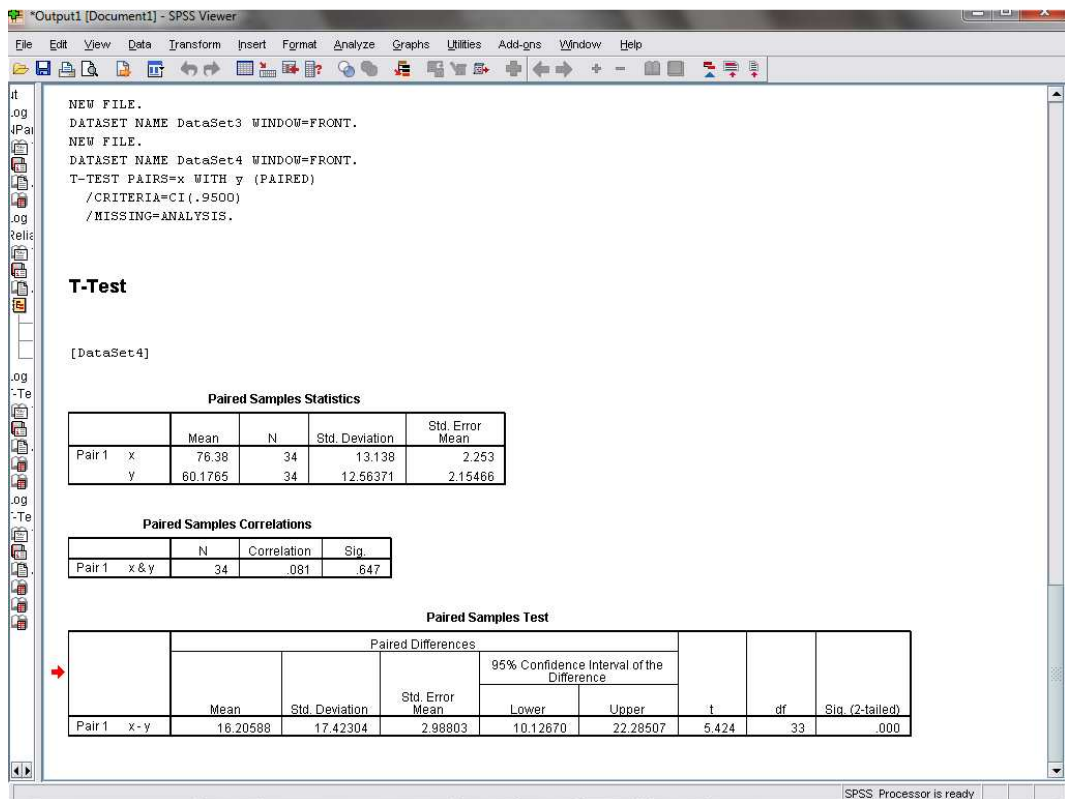
d. Box of **Paired Samples T Test** will appear. Then, the data of x and y should be moved into right column.



e. Put x variable into Variable1 and y variable into Variable2 and click **OK**.



f. The output of processing data will appear.



APPENDIX 3

THE DATA PROCESSING OUTPUT OF PRE-TEST AND POST-TEST,
NORMALITY TEST, REALIBILITY TEST, HOMOGENEITY TEST AND T-
TEST

The Output of Normality Test
One-Sample Kolmogorov-Smirnov Test

One-Sample Kolmogorov-Smirnov Test

| | | PreTest Experimental Class | PreTest ControlClass | PostTest Experimental Class | PostTest ControlClass |
|--------------------------------|----------------|----------------------------------|-------------------------|-----------------------------------|--------------------------|
| N | | 34 | 34 | 34 | 34 |
| Normal Parameters ^a | Mean | 41.8824 | 46.0294 | 76.3824 | 60.1765 |
| | Std. Deviation | 16.34804 | 20.57873 | 13.13800 | 12.56371 |
| Most Extreme Differences | Absolute | .197 | .156 | .136 | .123 |
| | Positive | .112 | .107 | .072 | .123 |
| | Negative | -.197 | -.156 | -.136 | -.068 |
| Kolmogorov-Smirnov Z | | 1.150 | .908 | .794 | .719 |
| Asymp. Sig. (2-tailed) | | .142 | .381 | .554 | .680 |

a. Test distribution is Normal.

The Output of Reliability Test

Reliability Statistics

| Cronbach's Alpha | N of Items |
|---------------------|------------|
| .869 | 2 |

The Output of Homogeneity Test

| Independent Samples Test | | | | | | | | | | |
|--------------------------|-----------------------------|---|------|------------------------------|--------|-----------------|-----------------|-----------------------|---|---------|
| | | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | | |
| | | F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
| | | | | | | | | | Lower | Upper |
| pretest | Equal variances assumed | 1.674 | .200 | -.920 | 66 | .361 | -4.14706 | 4.50732 | -13.14622 | 4.85210 |
| | Equal variances not assumed | | | -.920 | 62.788 | .361 | -4.14706 | 4.50732 | -13.15482 | 4.86070 |

The Output of T-Test

Paired Samples Test

| | | Paired Differences | | | | | t | Df | Sig. (2-tailed) |
|--------|-------|--------------------|----------------|-----------------|---|----------|-------|----|-----------------|
| | | Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | | | | |
| | | | | | Lower | Upper | | | |
| Pair 1 | x - y | 16.20588 | 17.42304 | 2.98803 | 10.12670 | 22.28507 | 5.424 | 33 | .000 |

APPENDIX 4

ASSESSMENT CRITERIA LIST OF WRITING TEST

SL Composition Profile (Jacob: 1981)

The criteria would be explained below:

| No | Criteria | Score | Explanation |
|----|--------------|-------|---|
| 1. | Content | 30-27 | Knowledge, relevant to the assigned topic of narrative text. |
| | | 26-22 | Some knowledge on the subject/topic, mostly relevant to the topic of narrative text but lacks detail. |
| | | 21-17 | Limited knowledge on the subject/topic, inadequate development of topic of narrative text. |
| | | 16-13 | Does not show knowledge on the subject/topic of topic of narrative text. |
| 2. | Organization | 20-18 | Ideas clearly stated/supported, well organized (the text made by the student presents the generic structure of narrative text: Orientation, Complication, Sequences of event, Resolution, Re-Orientation) logical sequencing. |
| | | 17-14 | Loosely organized but main idea stand out ; logical but incomplete sequencing. |
| | | 13-10 | Ideas are confusing or disconnected, lacks logical sequencing and development. |
| | | 9-7 | Does not communicative, no organization. |
| 3. | Vocabulary | 20-18 | Sophisticated range, Effective word/idiom choice and usage. |
| | | 17-14 | Adequate range; Occasional errors of word/idiom |
| | | 13-10 | Limited range, Frequent errors of word/idiom form, choice, usage; meaning is confusing or obscured. |
| | | 9-7 | Essentially translation; Little knowledge of English vocabulary, idioms; word form. |

| | | | |
|----|---------------------|-------|---|
| 5. | Linguistic Features | 25-22 | Effective complex constructions; Few errors of tense of narrative text (past tense) specific participant, temporal conjunction, material or action processes, relation and mental processes. |
| | | 21-18 | Effective but simple construction; minor problems in complex construction; Several errors of tense, specific participant, temporal conjunction, material or action processes, relation and mental processes. |
| | | 17-11 | Major problems in simple/complex construction; frequent errors of tense, specific participant, temporal conjunction, material or action processes, relation and mental processes; meaning confused or obscured. |
| | | 10-5 | Dominated by errors, does not communicate. |
| 6. | Mechanics | 5 | Demonstrates mastery of conventions, Few errors of spelling, punctuation, capitalization, paragraphing. |
| | | 4 | Occasional errors of spelling, punctuation, capitalization, paragraphing but meaning is not obscured. |
| | | 3 | Frequent errors of spelling, punctuation, capitalization, paragraphing, poor handwriting, meaning is confusing or obscured. |
| | | 2 | No mastery or conventions, dominated by errors of spelling, punctuation, capitalization, paragraphing, illegible handwriting. |

Pre-Test Score
Experimental Class

| No | Name | Criteria of Assessment | | | | | Total |
|-----|-----------------------|------------------------|----|----|----|---|-------|
| | | C | O | V | LF | M | |
| 1. | Alan Budi Prasetyo | 19 | 13 | 11 | 11 | 2 | 56 |
| 2. | Bagas Dika Febrianto | 0 | 7 | 0 | 0 | 0 | 7 |
| 3. | Dyah Ayu Rahmawati | 13 | 7 | 8 | 17 | 2 | 47 |
| 4. | Elvi Nur Amalia | 14 | 9 | 8 | 8 | 2 | 40 |
| 5. | Ifan Andre Wicahyo | 14 | 8 | 8 | 7 | 2 | 39 |
| 6. | Indah Nur Kasanah | 13 | 7 | 7 | 5 | 2 | 34 |
| 7. | Khisma Ahmad A'la' | 20 | 14 | 11 | 11 | 3 | 59 |
| 8. | Laily Rizky Amalia | 13 | 7 | 8 | 6 | 3 | 37 |
| 9. | Moch Izzrul Roihan A | 13 | 7 | 7 | 5 | 2 | 34 |
| 10. | Ibnu Ainul Yakin | 14 | 10 | 9 | 6 | 2 | 41 |
| 11. | Jihan Iffa Suraya | 14 | 12 | 11 | 7 | 2 | 46 |
| 12. | Nisaul Maghfiroh | 15 | 9 | 9 | 11 | 2 | 46 |
| 13. | Novalia Nur Afani | 14 | 12 | 11 | 7 | 2 | 46 |
| 14. | Rizky Eka M | 16 | 10 | 9 | 9 | 2 | 46 |
| 15. | Seli Dewi Safitri | 27 | 18 | 15 | 13 | 3 | 76 |
| 16. | Shendy Kusmawati | 14 | 8 | 9 | 7 | 2 | 40 |
| 17. | Yasmine Angelita S P | 13 | 7 | 7 | 5 | 2 | 34 |
| 18. | Moh Fakrul Munir | 14 | 10 | 9 | 6 | 2 | 41 |
| 19. | Pindi Dwi Rahayu | 17 | 14 | 12 | 11 | 2 | 56 |
| 20. | Rosa Anggraini | 13 | 7 | 7 | 5 | 2 | 34 |
| 21. | Siska Dwi Anggraini | 14 | 8 | 9 | 7 | 2 | 40 |
| 22. | Abdul Khoiril | 0 | 7 | 0 | 0 | 0 | 7 |
| 23. | Mokhamad Mauludin | 14 | 10 | 9 | 6 | 2 | 41 |
| 24. | Sarah Fauziyyah Nur I | 19 | 17 | 14 | 10 | 3 | 63 |
| 25. | Suliani | 18 | 15 | 12 | 9 | 2 | 56 |
| 26. | Achmad Mubarok | 14 | 10 | 9 | 6 | 2 | 41 |
| 27. | Adela Celianing Tyas | 20 | 17 | 13 | 13 | 3 | 66 |

| | | | | | | | |
|-----|-------------------|------|------|-----|-----|-----|------|
| 28. | Afida Rahmah | 13 | 7 | 8 | 6 | 3 | 37 |
| 39. | Alfin Dwi Saputra | 0 | 7 | 0 | 0 | 0 | 7 |
| 30. | Bannafsya Syafa P | 16 | 10 | 8 | 11 | 2 | 47 |
| 31. | Chory Sinthya N | 0 | 7 | 0 | 0 | 0 | 7 |
| 32. | Dwi Pramono | 12 | 10 | 8 | 8 | 2 | 40 |
| 33. | Fahlul Hisyam | 19 | 13 | 11 | 11 | 2 | 56 |
| 34. | Rizky Dwi Santika | 14 | 13 | 12 | 15 | 3 | 57 |
| | Total | 463 | 347 | 289 | 259 | 67 | 1424 |
| | Mean | 13.6 | 10.2 | 8.5 | 7.6 | 1.9 | 41.8 |

Post-Test Score
Experimental Class

| No | Name | Criteria of Assessment | | | | | Total |
|-----|-----------------------|------------------------|----|----|----|---|-------|
| | | C | O | V | LF | M | |
| 1. | Alan Budi Prasetyo | 26 | 18 | 16 | 18 | 4 | 82 |
| 2. | Bagas Dika Febrianto | 18 | 11 | 13 | 12 | 3 | 57 |
| 3. | Dyah Ayu Rahmawati | 26 | 17 | 16 | 21 | 4 | 84 |
| 4. | Elvi Nur Amalia | 19 | 17 | 13 | 18 | 3 | 70 |
| 5. | Ifan Andre Wicahyo | 25 | 17 | 15 | 15 | 3 | 75 |
| 6. | Indah Nur Kasanah | 21 | 15 | 15 | 13 | 4 | 69 |
| 7. | Khisma Ahmad A'la' | 25 | 17 | 13 | 15 | 3 | 73 |
| 8. | Laily Rizky Amalia | 30 | 20 | 20 | 21 | 5 | 96 |
| 9. | Moch Izzrul Roihan A | 29 | 29 | 29 | 20 | 4 | 91 |
| 10. | Ibnu Ainul Yakin | 25 | 17 | 13 | 15 | 3 | 73 |
| 11. | Jihan Iffa Suraya | 20 | 15 | 13 | 16 | 4 | 68 |
| 12. | Nisaul Maghfiroh | 18 | 15 | 11 | 13 | 3 | 60 |
| 13. | Novalia Nur Afani | 29 | 19 | 17 | 22 | 4 | 90 |
| 14. | Rizky Eka M | 18 | 11 | 9 | 18 | 4 | 60 |
| 15. | Seli Dewi Safitri | 28 | 19 | 18 | 17 | 4 | 86 |
| 16. | Shendy Kusmawati | 29 | 19 | 17 | 21 | 4 | 90 |
| 17. | Yasmine Angelita S P | 26 | 17 | 17 | 21 | 4 | 85 |
| 18. | Moh Fakrul Munir | 20 | 15 | 13 | 12 | 2 | 62 |
| 19. | Pindi Dwi Rahayu | 30 | 20 | 20 | 22 | 5 | 97 |
| 20. | Rosa Anggraini | 26 | 17 | 17 | 21 | 4 | 85 |
| 21. | Siska Dwi Anggraini | 30 | 20 | 20 | 22 | 5 | 97 |
| 22. | Abdul Khoiril | 14 | 7 | 8 | 9 | 2 | 40 |
| 23. | Mokhamad Mauludin | 26 | 18 | 16 | 18 | 4 | 82 |
| 24. | Sarah Fauziyyah Nur I | 26 | 17 | 17 | 21 | 4 | 85 |
| 25. | Suliani | 26 | 18 | 17 | 20 | 4 | 85 |
| 26. | Achmad Mubarok | 25 | 17 | 13 | 15 | 3 | 73 |
| 27. | Adela Celianing Tyas | 25 | 17 | 15 | 16 | 3 | 76 |

| | | | | | | | |
|-----|-------------------|------|------|------|------|-----|-------|
| 28. | Afida Rahmah | 26 | 17 | 18 | 21 | 4 | 86 |
| 39. | Alfin Dwi Saputra | 19 | 13 | 13 | 12 | 2 | 59 |
| 30. | Bannafsya Syafa P | 26 | 17 | 17 | 21 | 4 | 85 |
| 31. | Chory Sinthya N | 18 | 15 | 12 | 17 | 3 | 65 |
| 32. | Dwi Pramono | 25 | 17 | 13 | 15 | 3 | 73 |
| 33. | Fahlul Hisyam | 20 | 17 | 13 | 15 | 3 | 68 |
| 34. | Rizky Dwi Santika | 19 | 17 | 13 | 18 | 3 | 70 |
| | Total | 813 | 572 | 520 | 591 | 121 | 2597 |
| | Mean | 23.9 | 16.8 | 15.2 | 17.3 | 3.5 | 76.38 |

Pre-Test Score
Control Class

| No | Name | Criteria of Assessment | | | | | Total |
|-----|-----------------------|------------------------|----|----|----|---|-------|
| | | C | O | V | LF | M | |
| 1. | Bayu Adi Santoso | 0 | 0 | 8 | 0 | 2 | 10 |
| 2. | Cahyo Andi Purnomo | 18 | 15 | 10 | 10 | 3 | 56 |
| 3. | Elvina Listi Maharani | 0 | 0 | 8 | 0 | 2 | 10 |
| 4. | Emilia Dwi Arista | 20 | 16 | 10 | 10 | 2 | 58 |
| 5. | Fadhilatur Rochmatin | 20 | 18 | 12 | 13 | 3 | 66 |
| 6. | Lili Nur Indah Sari | 14 | 10 | 8 | 6 | 2 | 40 |
| 7. | Mila Nadhifah | 19 | 16 | 13 | 14 | 3 | 65 |
| 8. | Mochamad Cahaya P | 13 | 8 | 8 | 7 | 2 | 38 |
| 9. | Muhammad Ergyo F | 14 | 16 | 8 | 8 | 2 | 48 |
| 10. | Muhammad Riza R | 14 | 16 | 8 | 8 | 2 | 48 |
| 11. | Nada Putriyunanto | 0 | 0 | 0 | 0 | 0 | 0 |
| 12. | Nur Imamah | 13 | 7 | 7 | 5 | 2 | 34 |
| 13. | Nur Indah Maulidiyah | 13 | 7 | 7 | 5 | 2 | 34 |
| 14. | Abdul Rochman | 0 | 0 | 0 | 0 | 0 | 0 |
| 15. | Adi Purnomo | 0 | 0 | 8 | 0 | 2 | 10 |
| 16. | Anis Kismiati | 16 | 10 | 10 | 11 | 2 | 49 |
| 17. | Aulia Deva Ferdana | 26 | 18 | 16 | 17 | 3 | 80 |
| 18. | Siti Nur Munazilah | 14 | 10 | 8 | 7 | 2 | 41 |
| 19. | Sonia Devi | 16 | 10 | 10 | 11 | 2 | 49 |
| 20. | Trio Bagas Wara | 18 | 15 | 11 | 10 | 2 | 56 |
| 21. | Wahyu Kurnia Citra D | 22 | 18 | 11 | 11 | 2 | 64 |
| 22. | 'Aldandy Nanda K | 14 | 16 | 8 | 8 | 2 | 48 |
| 23. | Arsita Meilia | 18 | 15 | 10 | 10 | 3 | 56 |
| 24. | Triana Nur Tika Sari | 26 | 18 | 16 | 17 | 3 | 80 |
| 25. | Alifah Nur Oktaviana | 14 | 7 | 7 | 5 | 2 | 35 |
| 26. | Bayu Setiawan | 20 | 18 | 12 | 14 | 2 | 66 |
| 27. | Bela Talia Salsa Bela | 14 | 10 | 8 | 6 | 2 | 40 |

| | | | | | | | |
|-----|--------------------|------|------|-----|-----|-----|-------|
| 28. | Chabib Rahmad H | 14 | 16 | 8 | 8 | 2 | 48 |
| 29. | Risma Rahmadiani | 15 | 12 | 8 | 8 | 2 | 45 |
| 30. | Dian Nur Avivah | 16 | 14 | 11 | 11 | 2 | 54 |
| 31. | Eka Wahyuningtyas | 19 | 17 | 14 | 13 | 3 | 66 |
| 32. | Fahmi Ferdiansyah | 21 | 14 | 9 | 10 | 2 | 56 |
| 33. | Fakhrudin Faiz M | 24 | 18 | 12 | 10 | 3 | 67 |
| 34. | Yulistiana Wardani | 17 | 14 | 10 | 5 | 2 | 48 |
| | Total | 502 | 399 | 314 | 278 | 72 | 1565 |
| | Mean | 14.7 | 11.7 | 9.2 | 8.1 | 2.1 | 46.02 |

Post-Test Score
Control Class

| No | Name | Criteria of Assessment | | | | | Total |
|-----|-----------------------|------------------------|----|----|----|---|-------|
| | | C | O | V | LF | M | |
| 1. | Bayu Adi Santoso | 18 | 17 | 9 | 8 | 3 | 55 |
| 2. | Cahyo Andi Purnomo | 20 | 14 | 12 | 11 | 3 | 60 |
| 3. | Elvina Listi Maharani | 14 | 10 | 8 | 6 | 2 | 40 |
| 4. | Emilia Dwi Arista | 20 | 17 | 11 | 10 | 2 | 60 |
| 5. | Fadhilatur Rochmatin | 29 | 20 | 18 | 18 | 3 | 88 |
| 6. | Lili Nur Indah Sari | 17 | 13 | 8 | 9 | 3 | 50 |
| 7. | Mila Nadhifah | 26 | 14 | 14 | 14 | 3 | 71 |
| 8. | Mochamad Cahaya P | 17 | 17 | 9 | 8 | 3 | 54 |
| 9. | Muhammad Ergyo F | 16 | 14 | 11 | 10 | 2 | 53 |
| 10. | Muhammad Riza R | 16 | 14 | 10 | 11 | 2 | 53 |
| 11. | Nada Putriyunanto | 13 | 14 | 8 | 7 | 3 | 45 |
| 12. | Nur Imamah | 18 | 14 | 10 | 13 | 3 | 58 |
| 13. | Nur Indah Maulidiyah | 18 | 14 | 10 | 13 | 5 | 58 |
| 14. | Abdul Rochman | 17 | 12 | 7 | 7 | 2 | 45 |
| 15. | Adi Purnomo | 13 | 9 | 9 | 6 | 2 | 39 |
| 16. | Anis Kismiati | 19 | 15 | 13 | 11 | 3 | 61 |
| 17. | Aulia Deva Ferdana | 28 | 20 | 18 | 20 | 4 | 90 |
| 18. | Siti Nur Munazilah | 17 | 14 | 11 | 12 | 3 | 57 |
| 19. | Sonia Devi | 18 | 14 | 10 | 13 | 3 | 58 |
| 20. | Trio Bagas Wara | 21 | 14 | 12 | 11 | 2 | 60 |
| 21. | Wahyu Kurnia Citra D | 24 | 17 | 9 | 16 | 3 | 69 |
| 22. | 'Aldandy Nanda K | 17 | 11 | 9 | 10 | 2 | 49 |
| 23. | Arsita Meilia | 25 | 18 | 10 | 10 | 3 | 66 |
| 24. | Triana Nur Tika Sari | 29 | 20 | 19 | 19 | 3 | 86 |
| 25. | Alifah Nur Oktaviana | 17 | 13 | 7 | 7 | 2 | 46 |
| 26. | Bayu Setiawan | 27 | 18 | 17 | 12 | 3 | 77 |
| 27. | Bela Talia Salsa Bela | 17 | 14 | 9 | 10 | 3 | 53 |

| | | | | | | | |
|-----|--------------------|-----|-----|------|------|-----|------|
| 28. | Chabib Rahmad H | 18 | 14 | 10 | 9 | 2 | 51 |
| 29. | Risma Rahmadiani | 25 | 15 | 11 | 9 | 3 | 63 |
| 30. | Dian Nur Avivah | 18 | 18 | 13 | 15 | 4 | 68 |
| 31. | Eka Wahyuningtyas | 23 | 18 | 14 | 13 | 3 | 71 |
| 32. | Fahmi Ferdiansyah | 18 | 15 | 12 | 12 | 2 | 59 |
| 33. | Fakhrudin Faiz M | 24 | 16 | 14 | 13 | 3 | 70 |
| 34. | Yulistiana Wardani | 25 | 15 | 11 | 9 | 3 | 63 |
| | Total | 682 | 512 | 383 | 382 | 95 | 2054 |
| | Mean | 20 | 15 | 11.2 | 11.2 | 2.7 | 60.1 |

Where,

C: Content

O: Organization

V: Vocabulary

LF: Linguistic Feature

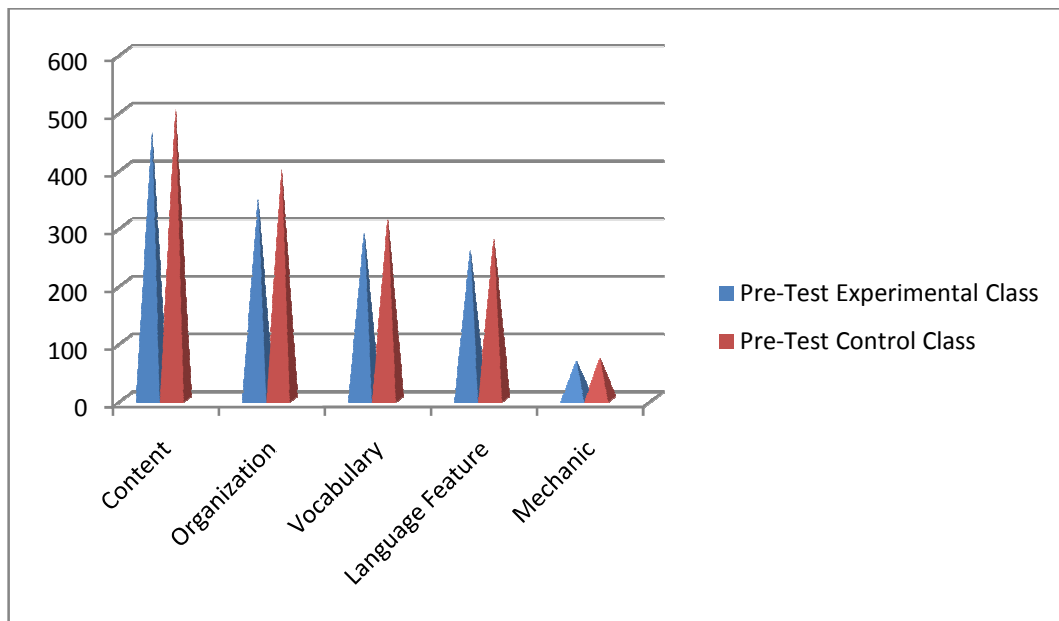
M: Mechanic

The Increment of Pre-test and Post-test Score based on the Criteria

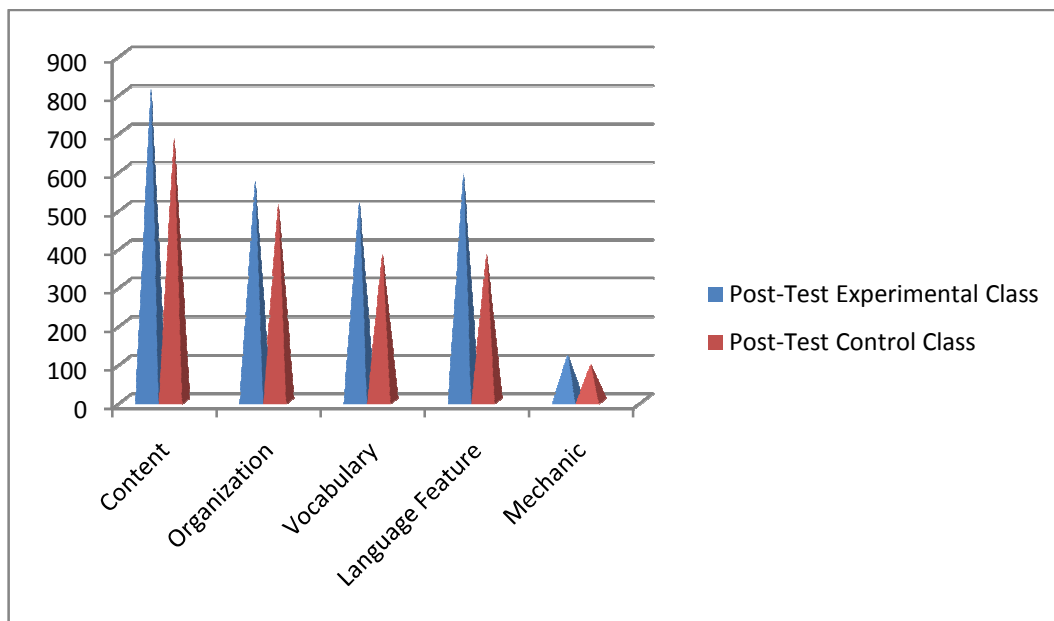
| No | Test | Experimental Class | | | | | Control Class | | | | |
|----|------------|--------------------|-----|-----|-----|-----|---------------|-----|-----|-----|----|
| | | C | O | V | LF | M | C | O | V | LF | M |
| 1. | Pre-Test | 463 | 347 | 289 | 259 | 67 | 502 | 399 | 314 | 278 | 72 |
| 2. | Post-Test | 813 | 572 | 520 | 591 | 121 | 682 | 512 | 383 | 382 | 95 |
| | Difference | 350 | 225 | 231 | 332 | 54 | 180 | 113 | 69 | 104 | 23 |

The calculation above shows that the score of pre-test in control class is higher than score in experimental class. It is a reason why the researcher had chose the experimental class as the class that is taught by using animated video. It helped the students in experimental class to get the high score in writing. When the experimental was given treatment by using animated video in their learning, their score of post test was increased. It was proved by the score of post test based on the criteria get significant increment. The difference of score from experimental class was higher than the control class, it was (350>180, 225>113, 231>69, 332>104, 54>23).

The increment chart of pre-test and post-test score between experimental and control class.



The chart above shows that the scores of pre-test in experimental and control class does not have significant difference in each criteria of assessment. The score in each assessment is in the same range. The two classes have an equal ability in writing narrative text. In the criteria of content, organization, vocabulary, language feature, and mechanic, the experimental and control class is in the range of 400-500, 300-400, 200-300, 200-300 and 0-100. But over all, the score of experimental class is lower than the control class. So, the researcher chose the experimental class as the class who taught by using animated video to help them in increasing their ability in writing based on the assessment.



After getting the score from pre-test, the researcher conducted treatment to the experimental class. It was taught by using animated video. While the control class was taught by using lecturing method. Then, the two classes was given post-test to measure the significance of the result between the class who was taught by using animated video and the class who was taught without using animated video. The chart above shows that there is significant different between the two classes before and after given the treatment. In pre-test, the experimental and control class was in the same range. While, after given the treatment and the two classes was given post-test, the experimental got higher score than control class. Based on the five criterias above, those are content, organization, vocabulary, language feature and mechanic, the score of post-test in experimental class is higher than the control class.

| No | Range | | | | | | | | | |
|-------|---------|---------|--------------|---------|------------|---------|------------------|---------|----------|-------|
| | Content | | Organization | | Vocabulary | | Language Feature | | Mechanic | |
| Class | E | C | E | C | E | C | E | C | E | C |
| 1. | 700-800 | 600-700 | 600-700 | 500-600 | 500-400 | 400-300 | 500-600 | 300-400 | 0-100 | 0-100 |

APPENDIX 5

LESSON PLAN

RENCANA PELAKSANAAN PEMBELAJARAN (Control Class)

Sekolah : SMP NEGERI 1 TARIK
Mata pelajaran : Bahasa Inggris
Kelas/Semester : VIII / 2
Materi Pokok : '*Narrative text*'.
Alokasi Waktu : 2JP (2x40 menit)

A. KOMPETENSI INTI (KI)

- KI 1 : Menghayati dan mengamalkan ajaran agama yang dianutnya.
KI 2 : Menghargai dan menghayati perilaku jujur, disiplin, tanggungjawab, peduli (toleransi, gotong royong), santun, percaya diri, dalam berinteraksi secara efektif dengan lingkungan sosial dan alam dalam jangkauan pergaulan dan keberadaannya
KI 3 : Memahami dan menerapkan pengetahuan (faktual, konseptual, dan prosedural) berdasarkan rasa ingin tahunya tentang ilmu pengetahuan, teknologi, seni, budaya terkait fenomena dan kejadian tampak mata.
KI 4 : Mengolah, menyaji, dan menalar dalam ranah konkret (menggunakan, mengurai, merangkai, memodifikasi, dan membuat) dan ranah abstrak (menulis, membaca, menghitung, menggambar, dan mengarang) sesuai dengan yang dipelajari di sekolah dan sumber lain yang sama dalam sudut pandang/teori.

B. KOMPETENSI DASAR DAN INDIKATOR

Kompetensi Dasar

- 1.1 Mensyukuri kesempatan dapat mempelajari bahasa Inggris sebagai bahasa pengantar Komunikasi internasional yang diwujudkan dalam semangat belajar
- 2.4 Menunjukkan perilaku santun dan peduli dalam melaksanakan komunikasi interpersonal dengan guru dan teman.
- 2.5 Menunjukkan perilaku jujur, disiplin, percaya diri, dan bertanggung jawab dalam melaksanakan komunikasi transaksional dengan guru dan teman.
- 2.6 Menunjukkan perilaku tanggung jawab, peduli, kerjasama, dan cinta damai, dalam melaksanakan komunikasi fungsional..14 Memahami fungsi sosial, struktur teks, dan unsur kebahasaan dari teks naratif berbentuk fabel, sesuai dengan konteks penggunaannya.
- 3.14 Memahami fungsi sosial, struktur teks, dan unsur kebahasaan dari teks naratif berbentuk fabel, sesuai dengan konteks penggunaannya.

Indikator :

- a. Siswa memahami fungsi sosial, struktur teks, dan unsur kebahasaan untuk menyatakan dan menanyakan tentang teks naratif berbentuk fabel.
 - b. Siswa mengidentifikasi fungsi sosial, struktur teks, dan unsur kebahasaan untuk menyatakan dan menanyakan tentang teks naratif berbentuk fabel.
 - c. Siswa menerapkan fungsi sosial, struktur teks, dan unsur kebahasaan untuk menyatakan dan menanyakan tentang teks naratif berbentuk fabel.
- 4.18 Menangkap makna teks naratif lisan dan tulis, berbentuk fabel pendek dan sederhana penggunaannya.

Indikator :

Siswa terampil menggunakan teks naratif lisan dan tulis untuk menyatakan dan menanyakan tentang teks naratif berbentuk fabel.

C. TUJUAN PEMBELAJARAN

Pada akhir pembelajaran siswa dapat:

Menulis teks esai dalam bentuk narrative

Karakter siswa yang diharapkan:

1. Dapat di percaya (trustworthines)
2. Rasa Hormat dan Perhatian (Respect)
3. Tekun (Dilligence)
4. Bertanggungjawab (Responsibility)
5. Berani (courage)

D. MATERI PEMBELAJARAN

Beauty and the Beast

Once upon a time, there was a girl named Beauty. She lived with her father and her sisters in a small village. Beauty was a beautiful girl. She was also hardworking. She always helped her father on the farm.

One day, her father set out for the city. He saw an old castle and went in. No-one was in but there was food on the table. Then he walked around the castle. He picked a rose from garden for Beauty. Suddenly an angry Beast appeared. He wanted to kill Beauty's father unless Beauty was brought to him. Beauty's father told daughters what had happened. Beauty's sisters ordered her to see the Beast. Beauty went to see the Beast and had to stay at the castle. She felt scared, lonely and sad. She tried to run away but was stopped by the Beast. The Beast treated Beauty well. Soon, Beauty began to like the Beast.

One day, through the Beast's magic mirror, Beauty say that her father was sick. The Beast allowed her to go home. Her father was happy to see her. One night, Beauty had a dream. A fairy told her that the Beast was sick. Beauty hurried back and saw the Beast dying. She began to cry. Tears fell onto the Beast. Suddenly, the Beast changed into handsome prince. Beauty and the Beast got married and lived happily ever after.

1. Narrative text is an imaginative story to entertain people.
2. Social Function
To amuse, and entertain the reader's or listeners about the history
3. Language features :
 - a. Focus on specific Participants
 - b. Use past tense.
 - c. Use conjunction (and, then, after that, next, etc) Also Temporal conjunction, like: once upon a time, one day, long time ago.
4. Generic structure
 - a. Orientation
It is about the opening paragraph where the characters of the story are introduced.
 - b. Complication
Where the problems in the story developed.
 - c. Resolution
Where the problems in the story is solved.

E. METODE PEMBELAJARAN

1. Pendekatan : Scientific approach
2. Model : Discovery learning
3. Teknik : Menyimak, tanya jawab dan diskusi

F. MEDIA, ALAT, DAN SUMBER PEMBELAJARAN

1. Media : Power point presentation
2. Alat : Laptop, LCD, loudspeaker dan papan tulis.
3. Sumber Pembelajaran : Audio CD/VCD/DVD, bahan teks narrative (internet) dan suara guru

G. LANGKAH-LANGKAH KEGIATAN PEMBELAJARAN

1. **Kegiatan Pendahuluan (10 menit)**
 - a. Mengucapkan salam dan berdo'a bersama
 - b. Mengecek kesiapan siswa belajar baik secara fisik maupun psikologis
 - c. Memberimotivasi kepada siswa dengan cara bercerita tentang kehidupan sehari-hari yang mengarah kepada topik.
 - d. Penjelasan tentang topik yang akan dibahas dan kompetensi yang akan dicapai
2. **Kegiatan Inti (60 menit)**

Mengamati

 - a. Siswa memperhatikan penjelasan guru tentang langkah retorika menulis teks narrative menggunakan slide presentasi.

Mempertanyakan

a. Dengan bimbingan dan arahan guru, siswa mempertanyakan informasi yang terdapat dalam contoh cerita dalam slide presentasi tersebut.

Mengeksplorasi

- a. Siswa mencari kosakata sulit yang terdapat di dalam materi di dalam kamus.
- b. Siswa menyusun semua kosakata sulit yang telah ditemukan secara sistematis.

Mengasosiasi

a. Siswa berdiskusi untuk memahami kalimat-kalimat yang mewakili setiap langkah retorika dalam teks narrative.

Mengomunikasikan

a. Siswa membuat sendiri kalimat past tense sesuai dengan tema yang sudah dijelaskan berdasarkan temuan kosakata sulit.

3. Penutupan (10 menit)

- a. Guru menanyakan kesulitan siswa dalam memahami teks naratif
- b. Guru menyimpulkan materi dan moral value dari cerita yang dibaca
- c. Guru menyampaikan rencana pembelajaran untuk pertemuan berikutnya
- d. Guru menugaskan siswa untuk mencari dan mempelajari teks naratif lain

H. EXERCISE

1. What type of the text?
2. What is the characteristic of Beauty?
3. Who will leave Beauty to set out for the city?
4. What does the Beauty's father see?
5. What does he take for Beauty in there?
6. Why the Beast so angry with Beauty's father?
7. What is the requisite of the Beast to forgive Beauty's father fault?
8. What is the Beauty's dream?
9. Where is the statement that shows the complication of the story?
10. What happens at the end of the story?

I. RUBRIK PENILAIAN

| No | Uraian | Skor |
|----|-------------------------------------|------|
| 1 | Setiap Jawaban benar | 2 |
| 2 | Setiap jawaban salah/tidak menjawab | 0 |

Tarik, Mei 2015

The Researcher,

Risa Sulfarida Arini

RENCANA PELAKSANAAN PEMBELAJARAN **(Experimental Class)**

| | |
|----------------|------------------------------|
| Sekolah | : SMP NEGERI 1 TARIK |
| Mata pelajaran | : Bahasa Inggris |
| Kelas/Semester | : VIII / 2 |
| Materi Pokok | : ' <i>Narrative text</i> '. |
| Alokasi Waktu | : 2JP (2x40 menit) |

A. KOMPETENSI INTI (KI)

- KI 1 : Menghayati dan mengamalkan ajaran agama yang dianutnya.
- KI 2 : Menghargai dan menghayati perilaku jujur, disiplin, tanggungjawab, peduli (toleransi, gotong royong), santun, percaya diri, dalam berinteraksi secara efektif dengan lingkungan sosial dan alam dalam jangkauan pergaulan dan keberadaannya
- KI 3 : Memahami dan menerapkan pengetahuan (faktual, konseptual, dan prosedural) berdasarkan rasa ingin tahunya tentang ilmu pengetahuan, teknologi, seni, budaya terkait fenomena dan kejadian tampak mata.
- KI 4 : Mengolah, menyaji, dan menalar dalam ranah konkret (menggunakan, mengurai, merangkai, memodifikasi, dan membuat) dan ranah abstrak (menulis, membaca, menghitung, menggambar, dan mengarang) sesuai dengan yang dipelajari di sekolah dan sumber lain yang sama dalam sudut pandang/teori.

B. KOMPETENSI DASAR DAN INDIKATOR

Kompetensi Dasar

- 1.2 Mensyukuri kesempatan dapat mempelajari bahasa Inggris sebagai bahasa pengantar komunikasi internasional yang diwujudkan dalam semangat belajar
- 2.7 Menunjukkan perilaku santun dan peduli dalam melaksanakan komunikasi interpersonal dengan guru dan teman.
- 2.8 Menunjukkan perilaku jujur, disiplin, percaya diri, dan bertanggung jawab dalam melaksanakan komunikasi transaksional dengan guru dan teman.
- 2.9 Menunjukkan perilaku tanggung jawab, peduli, kerjasama, dan cinta damai, dalam melaksanakan komunikasi fungsional..14 Memahami fungsi sosial, struktur teks, dan unsur kebahasaan dari teks naratif berbentuk fabel, sesuai dengan konteks penggunaannya.
- 3.14 Memahami fungsi sosial, struktur teks, dan unsur kebahasaan dari teks naratif berbentuk fabel, sesuai dengan konteks penggunaannya.

Indikator :

- a. Siswa memahami fungsi sosial, struktur teks, dan unsur kebahasaan untuk menyatakan dan menanyakan tentang teks naratif berbentuk fabel.
- b. Siswa mengidentifikasi fungsi sosial, struktur teks, dan unsur kebahasaan untuk menyatakan dan menanyakan tentang teks naratif berbentuk fabel.
- c. Siswa menerapkan fungsi sosial, struktur teks, dan unsur kebahasaan untuk menyatakan dan menanyakan tentang teks naratif berbentuk fabel.

4.18 Menangkap makna teks naratif lisan dan tulis, berbentuk fabel pendek dan sederhana penggunaannya

Indikator :

Siswa terampil menggunakan teks naratif lisan dan tulis untuk menyatakan dan menanyakan tentang teks naratif berbentuk fabel.

C. TUJUAN PEMBELAJARAN

Pada akhir pembelajaran siswa dapat:\nMenulis teks esai dalam bentuk narrative

Karakter siswa yang diharapkan:

1. Dapat di percaya (trustworthines)
2. Rasa Hormat dan Perhatian (Respect)
3. Tekun (Dilligence)
4. Bertanggungjawab (Responsibility)
5. Berani (courage)

D. MATERI PEMBELAJARAN

Jack and the Beanstalk

Once upon a time, there lived a poor widow and her son, Jack. One day, Jack's mother told him to sell their only cow. Jack went to the market and on the way he met a man who wanted to buy his cow. Jack asked, "What will you give me in return for my cow?" The man answered, "I will give you five magic beans!" Jack took the magic beans and gave the man the cow. But when he reached home, Jack's mother was very angry. She said, "You fool! He took away your cow and gave you some beans!" She threw the beans out of the window. Jack was very sad and went to sleep without dinner.

The next day, when Jack woke up in the morning and looked out of the window, he saw that a huge beanstalk had grown from his magic beans. He climbed up the beanstalk and reached a kingdom in the sky. There lived a giant. Jack went inside the house. He felt so very hungry, so he decided to go to the

kitchen. He found a bread and some milk. While he was eating, the giant came home. The giant was very big and looked very fearsome. Jack was terrified and went and hid inside. The giant cried, “Fee-fifo-fum, I smell the blood of man. Be he alive, or be he dead, I’ll grind his bones to make my bread!” Then the giant went to sleep. In the night, Jack crept out of his hiding place, took one sack of gold coins and climbed down the beanstalk.

At home, he gave the coins to his mother. His mother was very happy and they lived well for sometimes.

Climbed the beanstalk and went to the giant’s house again. Once again, Jack wanted to find some foods. But while he was eating the giant returned. Jack leapt up in fright and went and hid under the table. The giant cried, “Fee-fifo-fum, I smell the blood of man. Be he alive, or be he dead, I’ll grind his bones to make my bread!” then the giant ate his food and went to his room. There, he took out a hen. He shouted, “Lay!” and the hen laid a golden egg. When the giant fell asleep, Jack took the hen and climbed down the beanstalk. Jack’s mother was very happy with him.

After some days, Jack once again climbed the beanstalk and went to the giant’s castle. For the third time, Jack took for some food. And the giant came home. “Fee-fifo-fum, I smell the blood of man. Be he alive, or be he dead, I’ll grind his bones to make my bread!”

The giant had a magical harp that could play beautiful songs. While the giant slept, Jack took the harp and was about to leave. Suddenly, the magic harp cried, “Help master! A boy is stealing me!” The giant woke up and saw Jack with the harp.

Furious, he ran after Jack. But Jack was too fast for him. He ran down the beanstalk and reached home. The giant followed him down. Jack quickly ran inside his house and fetched an axe. He began to chop the beanstalk. The giant fell and died.

Jack and his mother were now very rich and they lived happily ever after.

1. Narrative text is an imaginative story to entertain people.

2. Social Function

To amuse, and entertain the reader’s or listeners about the history

3. Language features :

a. Focus on specific Participants

b. Use past tense.

c. Use conjunction (and, then, after that, next, etc) Also Temporal conjunction, like: once upon a time, one day, long time ago.

4. Generic structure

a. Orientation

It is about the opening paragraph where the characters of the story are introduced.

b. Complication

Where the problems in the story developed.

c. Resolution

Where the problems in the story is solved.

E. METODE PEMBELAJARAN

1. Pendekatan : Scientific approach
2. Model : Discovery learning
3. Teknik : Menyimak, tanya jawab dan diskusi

F. MEDIA, ALAT, DAN SUMBER PEMBELAJARAN

1. Media : Power point presentation and video
2. Alat : Laptop, LCD, loudspeaker dan papan tulis.
3. Sumber Pembelajaran : Audio CD/VCD/DVD, video animasi film dan suara guru (internet)

G. LANGKAH-LANGKAH KEGIATAN PEMBELAJARAN

1. Kegiatan Pendahuluan (10 menit)

- a. Mengucapkan salam dan berdo'a bersama
- b. Mengecek kesiapan siswa belajar baik secara fisik maupun psikologis
- c. Memberimotivasi kepada siswa dengan cara bercerita tentang kehidupan sehari-hari yang mengarah kepada topik.
- d. Penjelasan tentang topik yang akan dibahas dan kompetensi yang akan dicapai

1. Kegiatan Inti (60 menit)

Mengamati

- b. Siswa memperhatikan penjelasan guru tentang langkah retorika menulis teks narrative menggunakan slide presentasi.

- c. Siswa menyimak video animasi yang berjudul Jack and the Beanstalk.

Mempertanyakan

- a. Dengan bimbingan dan arahan guru, siswa mempertanyakan informasi yang terdapat dalam contoh video animasi yang sudah ditayangkan.

Mengeksplorasi

- c. Siswa mencari kosakata sulit yang terdapat di dalam materi di dalam kamus.
- d. Siswa menyusun dan mencatat semua kosakata sulit yang telah ditemukan secara sistematis ketika film berlangsung.

Mengasosiasi

- d. Siswa berdiskusi untuk memahami kalimat-kalimat yang mewakili setiap langkah retorika dalam teks narrative.

Mengomunikasikan

- a. Guru meminta siswa untuk bekerja secara berkelompok .
- b. Siswa membuat generic structure, language features dan menyusun kata-kata yang sulit menjadi sebuah teks yang benar.

2. Penutupan (10 menit)

- a. Guru menanyakan kesulitan siswa dalam memahami teks naratif
- b. Guru menyimpulkan materi dan moral value dari cerita yang dibaca
- c. Guru menyampaikan rencana pembelajaran untuk pertemuan berikutnya
- d. Guru menugaskan siswa untuk mencari dan mempelajari teks naratif lain

H. EXERCISE

1. What type of the text?
2. Why do Jack and his mother decide to sell the cow?
 1. How many beans does the old man give Jack?
 2. What kind of beans are they?
 3. What does Jack's mother do with the beans?
 4. What does Jack see the next morning?
 5. What is the first thing that Jack takes from castle?
 6. What kind of eggs does the hen lay?
 7. How does Jack Jack kill the giant?
 8. What happens at the end of the story?

I. RUBRIK PENILAIAN

| No | Uraian | Skor |
|----|-------------------------------------|------|
| 1 | Setiap Jawaban benar | 2 |
| 2 | Setiap jawaban salah/tidak menjawab | 0 |

Tarik, Mei 2015
The Researcher,

Risa Sulfarida Arini

APPENDIX 6

INSTRUMENT TEST FOR TRY OUT, PRE AND POST TEST

APPENDIX 6

THE STUDENTS ACTIVITIES DURING LEARNING PROCESS

EXPERIMENTAL CLASS

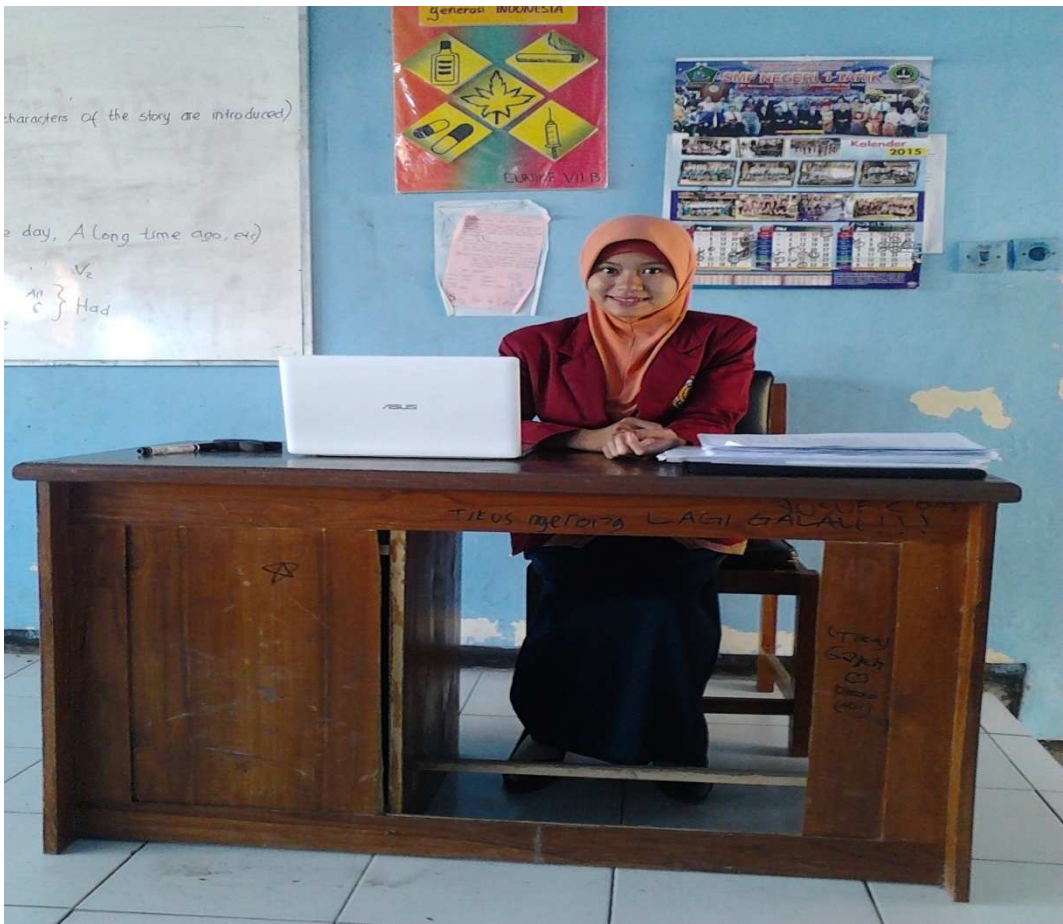






CONTROL CLASS







CURRICULUM VITAE

Risa Sulfarida Arini dilahirkan pada tanggal 15 Februari 1993 di Sidoarjo, Jawa Timur, anak kedua dari dua bersaudara, pasangan Bapak Surono dan Ibu Siti Yatimah. Pendidikan dasar dan menengah telah ditempuh di kampung halamannya di Balongbendo, Sidoarjo. Tamat Sekolah Dasar Tahun 2005, SMP tahun 2008, dan SMA pada tahun 2011. Risa Sulfarida Arini menempuh studi, serta lulus dan mendapat gelar sarjana (S1) program studi Pendidikan Keguruan dan Ilmu Pendidikan Bahasa Inggris dari Universitas Muhammadiyah Surabaya pada Juni 2015.