## CHAPTER IV RESEARCH FINDINGS AND ANALYSIS

## A. Description of the Research

To find out the difference between the students who were taught using diary writing as a medium and the students who were not taught using diary writing in writing recount text in class VIII A and VIII B of SMP Nurul Islami Mijen Semarang, the writer did analysis of quantitative data. The data was obtained by giving test to the experimental class and control class after giving a different treatment of learning process in both classes.

The implementation of this research was divided into two classes. They were experimental class (VIII A) and control class (VIII B). Before the activities were conducted, the writer determined the materials and lesson plan of learning. Learning in the experimental class was conducted by adding treatment of diary writing as homework, while the control class using conventional method (without using diary writing).

Test was given before and after the students followed the learning process provided by the researcher. After the data was collected, the researcher analyzed it. The first data analysis is from the beginning of learning process in both control class and experimental class that is taken from the pretest score. It is the normality test and homogeneity test. It is used to know that two groups are normal and have same variant. Another data analysis is from the ending of learning process in both control class and experimental class. It is used to prove the truth of hypothesis that has been formulated.

Before the analysis was done, the researcher scored the results of the test that had been given to the students. The assignment that was given to the students was writing their unforgetable experience. To measure the students' writing skill, the researcher presented the scores for each elements of writing test when after the pre test and post test done.

## B. The Data Analysis and Hypothesis of Test

In analyzing the data, the writer scored each element of the students' writing that consists of organization, content, vocabulary, grammar and mechanic. Then the writer calculates the mean score and the total score of each element.

The result of the students' achievement in writing recount text:

1. Experimental Group
a. Pre-Test
a) Content

$$
\begin{aligned}
& M x c=\frac{\sum \times c}{S \max } \times 100 \% \\
& M x c=\frac{465}{23(30)} \times 100 \% \\
& M x c=\frac{465}{690} \times 100 \% \\
& M x c=67.39 \%
\end{aligned}
$$

The calculation of mean content score is $67.39 \%$. This means that the students' achievement in content is fair.
b) Organization

$$
\begin{aligned}
& M x o=\frac{\sum \times o}{S \max } \times 100 \% \\
& M x o=\frac{339}{23(20)} \times 100 \% \\
& M x o=\frac{339}{460} \times 100 \% \\
& M x o=73.70 \%
\end{aligned}
$$

The calculation of mean organization score is $73.70 \%$. This means that the students' achievement in organization is fair.
c) Vocabulary

$$
\begin{aligned}
& M x v=\frac{\sum \times v}{S \max } \times 100 \% \\
& M x v=\frac{341}{23(20)} \times 100 \% \\
& M x v=\frac{341}{460} \times 100 \% \\
& M x v=74.13 \%
\end{aligned}
$$

The calculation of mean vocabulary score is $74.13 \%$. This means that the students' achievement in vocabulary is fair.
d) Grammar

$$
\begin{aligned}
& M x g=\frac{\sum \times g}{S \max } \times 100 \% \\
& M x g=\frac{399}{23(25)} \times 100 \% \\
& M x g=\frac{399}{575} \times 100 \% \\
& M x g=69.39 \%
\end{aligned}
$$

The calculation of mean grammar score is $69.39 \%$. This means that the students' achievement in grammar is fair.
e) Mechanic

$$
\begin{aligned}
& M x m=\frac{\sum \times m}{S \max } \times 100 \% \\
& M x m=\frac{93}{23(5)} \times 100 \% \\
& M x m=\frac{93}{115} \times 100 \% \\
& M x m=80.87 \%
\end{aligned}
$$

The calculation of mean mechanic score is $80.87 \%$. This means that the students' achievement in mechanic is good.
f) Mean Total Score of Writing

$$
\begin{aligned}
& M x t=\frac{\sum \times t}{S \max } \times 100 \% \\
& M x t=\frac{1637}{23(30+20+20+25+5)} \times 100 \% \\
& M x t=\frac{1637}{23(100)} \times 100 \% \\
& M x t=\frac{1637}{2300} \times 100 \% \\
& M x t=71.17 \%
\end{aligned}
$$

The calculation of pre-test score of experimental group is $71.17 \%$.
This means that the students' achievement in writing recount is fair.
b. Post-Test
a) Content

$$
\begin{aligned}
& M x c=\frac{\sum \times c}{S \max } \times 100 \% \\
& M x c=\frac{556}{23(30)} \times 100 \% \\
& M x c=\frac{556}{690} \times 100 \% \\
& M x c=80.58 \%
\end{aligned}
$$

The calculation of mean content score is $80.58 \%$. This means that the students' achievement in content is good.
b) Organization

$$
\begin{aligned}
& M x o=\frac{\sum \times o}{S \max } \times 100 \% \\
& M x o=\frac{395}{23(20)} \times 100 \% \\
& M x o=\frac{395}{460} \times 100 \% \\
& M x o=85.87 \%
\end{aligned}
$$

The calculation of mean organization score is $85.87 \%$. This means that the students' achievement in organization is excellent.
c) Vocabulary

$$
\begin{aligned}
& M x v=\frac{\sum \times v}{S \max } \times 100 \% \\
& M x v=\frac{376}{23(20)} \times 100 \% \\
& M x v=\frac{376}{460} \times 100 \% \\
& M x v=81.74 \%
\end{aligned}
$$

The calculation of mean vocabulary score is $81.74 \%$. This means that the students' achievement in vocabulary is good.
d) Grammar

$$
\begin{aligned}
& M x g=\frac{\sum \times g}{S \max } \times 100 \% \\
& M x g=\frac{433}{23(25)} \times 100 \% \\
& M x g=\frac{433}{575} \times 100 \% \\
& M x g=75.30 \%
\end{aligned}
$$

The calculation of mean grammar score is $75.30 \%$. This means that the students' achievement in grammar is good.
e) Mechanic

$$
\begin{aligned}
& M x m=\frac{\sum \times m}{S \text { max }} \times 100 \% \\
& M x m=\frac{100}{23(5)} \times 100 \% \\
& M x m=\frac{100}{115} \times 100 \% \\
& M x m=86.96 \%
\end{aligned}
$$

The calculation of mean mechanic score is $86.96 \%$. This means that the students' achievement in mechanic is excellent.
f) Mean total score of writing

$$
\begin{aligned}
& M x t=\frac{\sum \times t}{S \text { max }} \times 100 \% \\
& M x t=\frac{1863}{23(30+20+20+25+5)} \times 100 \% \\
& M x t=\frac{1863}{23(100)} \times 100 \% \\
& M x t=\frac{1863}{2300} \times 100 \% \\
& M x t=81 \%
\end{aligned}
$$

The calculation of post-test score of experimental group is $81 \%$.
This means that the students' achievement in writing recount is good.

## 2. Control Group

a. Pre-Test

To find out the mean of each element of writing, the writer used the formula that can be seen as below:
a) Content

$$
\begin{aligned}
& M y c=\frac{\sum y c}{S \text { max }} \times 100 \% \\
& M y c=\frac{448}{22(30)} \times 100 \% \\
& M y c=\frac{448}{660} \times 100 \% \\
& M y c=67.88 \%
\end{aligned}
$$

The calculation of mean content score is $67.88 \%$. This means that the students' achievement in content is fair.
b) Organization

$$
\text { Myo }=\frac{\sum y o}{S \max } \times 100 \%
$$

$M y o=\frac{331}{22(20)} \times 100 \%$
Myo $=\frac{331}{440} \times 100 \%$
Myo $=75.23 \%$
The calculation of mean organization score is $75.23 \%$. This means that the students' achievement in organization is good.
c) Vocabulary
$M y v=\frac{\sum y v}{S \max } \times 100 \%$
$M y v=\frac{330}{22(20)} \times 100 \%$
$M y v=\frac{330}{440} \times 100 \%$
$M y v=75 \%$
The calculation of mean vocabulary score is $75 \%$. This means that the students' achievement in vocabulary is good.
d) Grammar
$M y g=\frac{\sum y g}{S \max } \times 100 \%$
$M y g=\frac{364}{22(25)} \times 100 \%$
$M y g=\frac{364}{550} \times 100 \%$
$M y g=66.18 \%$

The calculation of mean grammar score is $66.18 \%$. This means that the students' achievement in grammar is fair.
e) Mechanic

Mym $=\frac{\sum y m}{S \max } \times 100 \%$
$M y m=\frac{83}{22(5)} \times 100 \%$
$M y m=\frac{83}{110} \times 100 \%$
$M y m=75.45 \%$

The calculation of mean mechanic score is $75.45 \%$. This means that the students' achievement in mechanic is good.
f) Mean total score of writing

$$
\begin{aligned}
& M y t=\frac{\sum y t}{S \text { max }} \times 100 \% \\
& M y t=\frac{1554}{24(30+20+20+25+5)} \times 100 \% \\
& M y t=\frac{1554}{22(100)} \times 100 \% \\
& M y t=\frac{1554}{2200} \times 100 \% \\
& M y t=70.64 \%
\end{aligned}
$$

The calculation of pre-test score of control group is $70.64 \%$. This means that the students' achievement in writing recount is fair.
b. Post-Test

The result of the post-test are below:
a) Content

$$
\begin{aligned}
& M y c=\frac{\sum y c}{S \text { max }} \times 100 \% \\
& M y c=\frac{474}{22(30)} \times 100 \% \\
& M y c=\frac{474}{660} \times 100 \% \\
& M y c=71.82 \%
\end{aligned}
$$

The calculation of mean content score is $71.82 \%$. This means that the students' achievement in content is fair.
b) Organization

$$
\begin{aligned}
& \text { Myo }=\frac{\sum \times o}{S \max } \times 100 \% \\
& \text { Myo }=\frac{351}{22(20)} \times 100 \% \\
& \text { Myo }=\frac{351}{440} \times 100 \% \\
& \text { Myo }=79.77 \%
\end{aligned}
$$

The calculation of mean organization score is $79.77 \%$. This means that the students' achievement in organization is good.
c) Vocabulary
$M y v=\frac{\sum \times v}{S \text { max }} \times 100 \%$
$M y v=\frac{339}{22(20)} \times 100 \%$
$M y v=\frac{339}{440} \times 100 \%$
$M y v=77.05 \%$
The calculation of mean vocabulary score is $77.05 \%$. This means that the students' achievement in vocabulary is good.
d) Grammar
$M y g=\frac{\sum \times g}{S \text { max }} \times 100 \%$
$M y g=\frac{383}{22(25)} \times 100 \%$
$M y g=\frac{383}{550} \times 100 \%$
$M y g=69.64 \%$
The calculation of mean grammar score is $69.64 \%$. This means that the students' achievement in grammar is fair.
e) Mechanic

Mym $=\frac{\sum \times m}{S \text { max }} \times 100 \%$
$M y m=\frac{88}{22(5)} \times 100 \%$
$M y m=\frac{88}{110} \times 100 \%$
$M y m=80 \%$
The calculation of mean mechanic score is $80 \%$. This means that the students' achievement in mechanic is good.
f) Mean total score of writing

$$
\begin{aligned}
& M y t=\frac{\sum y t}{S \text { max }} \times 100 \% \\
& M y t=\frac{1631}{22(30+20+20+25+5)} \times 100 \% \\
& M y t=\frac{1631}{22(100)} \times 100 \% \\
& M y t=\frac{1631}{2200} \times 100 \% \\
& M y t=74.14 \%
\end{aligned}
$$

The calculation of post-test score of control group is $74.14 \%$. This means that the students' achievement in writing recount is good.

Based on the calculation above, the writer determines the level of the students' achievement in writing recount text into the criterion as follow:

Table 4
Writing Score of Pre-test of the Experimental Class

| No | Writing <br> Element | $\mathbf{N}$ | Max <br> Score | Total <br> Score | Mean in <br> percent | Criteria of writing <br> mastery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | Content | 23 | 30 | 465 | $67,39 \%$ | Fair |
| 2. | Organization | 23 | 20 | 339 | $73,70 \%$ | Fair |
| 3. | Vocabulary | 23 | 20 | 341 | $74,13 \%$ | Fair |
| 4. | Grammar | 23 | 25 | 399 | $69,39 \%$ | Fair |
| 5. | Mechanic | 23 | 5 | 93 | $80,87 \%$ | Good |
|  |  | 23 | 100 | 1637 | $71,17 \%$ | Fair |

Table 5
Writing Score of Post-test of the Experimental Class

| No | Writing <br> Element | $\mathbf{N}$ | Max <br> score | Total <br> Score | Mean in <br> percent | Criteria of writing <br> mastery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | Content | 23 | 30 | 556 | $80,58 \%$ | Good |
| 2. | Organization | 23 | 20 | 395 | $85,87 \%$ | Excellent |
| 3. | Vocabulary | 23 | 20 | 376 | $81,74 \%$ | Good |
| 4. | Grammar | 23 | 25 | 433 | $75,30 \%$ | Good |
| 5. | Mechanic | 23 | 5 | 100 | $86,96 \%$ | Excellent |
|  | 23 | 100 | 1863 | $81 \%$ | Good |  |

The results of the percentage element mean score of writing which is accordance with the writing mastery criteria both pre-test and post-test in control class.

Table 6
Writing Score of Pre-test of the Control Class

| No | Writing <br> Element | $\mathbf{N}$ | Max <br> score | Total <br> Score | Mean in <br> percent | Criteria of writing <br> mastery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | Content | 22 | 30 | 448 | $67,88 \%$ | Fair |
| 2. | Organization | 22 | 20 | 331 | $75,23 \%$ | Good |
| 3. | Vocabulary | 22 | 20 | 330 | $75 \%$ | Good |
| 4. | Grammar | 22 | 25 | 364 | $66,18 \%$ | Fair |
| 5. | Mechanic | 22 | 5 | 83 | $75,45 \%$ | Good |
|  |  |  |  |  |  |  |

Table 7
Writing Score of Post-test of the Control Class

| No | Writing <br> Element | $\mathbf{N}$ | Max <br> score | Total <br> Score | Mean in <br> percent | Criteria of writing <br> mastery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | Content | 22 | 30 | 474 | $71,82 \%$ | Fair |
| 2. | Organization | 22 | 20 | 351 | $79,77 \%$ | Good |
| 3. | Vocabulary | 22 | 20 | 339 | $77,05 \%$ | Good |
| 4. | Grammar | 22 | 25 | 383 | $69,64 \%$ | Fair |
| 5. | Mechanic | 22 | 5 | 88 | $80 \%$ | Good |
|  |  | 22 | 100 | 1631 | $74,14 \%$ | Fair |

Based on the result above, the percentage of students' score in the control class was different from the students in the experimental class. It proved that the use of diary writing in writing recount text is better that the use of conventional method. The experimental class got better score than the control one.

After determined the level of the students' achievement in writing recount text, the researcher analyzed the pre-test and post-test value of the experimental class and control class.

## a. The Data Analysis of Pre-test Score of the Experimental class and the Control Class.

## Table 8

The list of Pre-test Score of the Experimental and Control Classes

| NO | Experimental Class |  |  |  | Control Class |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $x_{i}$ | $\left(x_{i}-\bar{x}\right)$ | $\left(x_{i}-\bar{x}\right)^{2}$ | NO | $x_{i}$ | $\left(x_{i}-\bar{x}\right)$ | $\left(x_{i}-\bar{x}\right)^{2}$ |
|  |  |  |  |  |  |  |  |
| 1 | 57 | -14.17 | 200.79 | 1 | 85 | 14.36 | 206.21 |
| 2 | 68 | -3.17 | 10.49 | 2 | 61 | -9.46 | 92.93 |
| 3 | 76 | 4.83 | 23.33 | 3 | 69 | -1.64 | 2.69 |
| 4 | 72 | 0.83 | 0.69 | 4 | 64 | -6.64 | 44.09 |
| 5 | 59 | -12.17 | 148.11 | 5 | 74 | 3.36 | 11.29 |
| 6 | 63 | -8.17 | 66.75 | 6 | 67 | -3.64 | 13.25 |
| 7 | 68 | -3.17 | 10.49 | 7 | 62 | -8.64 | 74.65 |
| 8 | 72 | 0.83 | 0.69 | 8 | 64 | -6.64 | 44.09 |
| 9 | 55 | -16.17 | 261.47 | 9 | 72 | 1.36 | 1.85 |
| 10 | 67 | 4.17 | 17.39 | 10 | 74 | 3.36 | 11.29 |
| 11 | 61 | -10.17 | 103.43 | 11 | 80 | 9.36 | 87.61 |
| 12 | 74 | 2.83 | 8.01 | 12 | 67 | -3.64 | 13.25 |
| 13 | 71 | -0.17 | 0.03 | 13 | 88 | 17.36 | 301.37 |
| 14 | 65 | -6.17 | 38.07 | 14 | 91 | 20.36 | 414.53 |
| 15 | 78 | 6.83 | 46.65 | 15 | 57 | -13.64 | 186.05 |
| 16 | 75 | 3.83 | 14.67 | 16 | 72 | 1.36 | 1.85 |
| 17 | 72 | 0.83 | 0.69 | 17 | 56 | -14.64 | 214.33 |
| 18 | 74 | 2.83 | 8.01 | 18 | 76 | 5.36 | 28.73 |
| 19 | 92 | 20.83 | 433.89 | 19 | 68 | -2.64 | 6.97 |
| 20 | 81 | 9.83 | 96.63 | 20 | 72 | 1.36 | 1.85 |


| 21 | 82 | 10.83 | 117.29 | 21 | 73 | 2.36 | 5.57 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 22 | 87 | 15.83 | 250.59 | 22 | 62 | -8.64 | 74.65 |
| 23 | 68 | -3.17 | 10.49 |  |  |  |  |
| $\sum$ | 1637 |  | 1868.65 | $\sum$ | 1554 |  | 1839.1 |
| $\bar{x}$ | 71.17 |  |  | $\bar{x}$ | 70.64 |  |  |

## 1. Searching for the normality of initial data in the experimental class

The normality test is used to know whether the data obtained is normally distributed or not. Based on the table above, the normality test:

Hypothesis:
Ha: The distribution list is normal.
Ho: The distribution list is not normal

## Test of hypothesis:

The formula is used:
$\chi^{2}=\sum_{i=1}^{k} \frac{\left(O_{i}-E_{i}\right)^{2}}{E_{i}}$
The computation of normality test:
$\mathrm{N}=23$
Maximum score $=92$
Minimum score $=55$
Range $=92-55=37$
$K /$ Number of class $(K=1+3,3 \log n)=6$
Length of the class $(\mathrm{i}=\mathrm{r} / \mathrm{K})=6$
$\sum x=1637$
$x=71.17$

Table 9
Normality Pre test of the Experimental Class

| Interval <br> Class | $x_{i}$ | $f_{i}$ | $\left(x_{i}-\bar{x}\right)$ | $\left(x_{i}-\bar{x}\right)^{2}$ | $f_{i}\left(x_{i}-\bar{x}\right)^{2}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $55-60$ | 57.5 | 3 | -13.67 | 186.87 | 560.61 |
| $61-66$ | 63.5 | 3 | -7.67 | 58.83 | 176.49 |
| $67-72$ | 69.5 | 8 | -1.67 | 2.79 | 22.32 |
| $73-78$ | 75.5 | 5 | 4.33 | 18.75 | 93.75 |
| $79-84$ | 81.5 | 2 | 10.33 | 106.71 | 213.42 |
| $85-92$ | 88.5 | 2 | 17.33 | 300.33 | 600.66 |
|  | 23 |  | 1667.25 |  |  |

$$
\begin{aligned}
S & =\sqrt{\frac{\sum f_{i}\left(x_{i}-\bar{x}\right)^{2}}{n-1}}=\sqrt{\frac{1667.25}{23-1}}=\sqrt{75.78} \\
& =8,71
\end{aligned}
$$

Table 10
Normality Pre test of the Experimental Class

| Class <br> interval | Limit <br> class | Z for <br> the <br> limit <br> class | Opportu- <br> nities Z | Size <br> classes <br> for Z | Oi | Ei | $\frac{\left(O_{i}-E_{i}\right)^{2}}{E_{i}}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 54.5 | -1.91 | 0.0281 |  |  |  |  |
| $55-60$ |  |  |  | 0,0812 | 3 | 1.87 | 0.63 |
|  | 60.5 | -1.23 | 0.1093 |  |  |  |  |
| $61-66$ |  |  |  | 0,1853 | 3 | 4.26 | 0.37 |
|  | 66.5 | -0.54 | 0.2946 |  |  |  |  |
| $67-72$ |  |  |  | 0,2350 | 8 | 5.41 | 1.24 |
| $73-78$ | 72.5 | 0.15 | 0.0596 |  |  |  |  |
|  | 78.5 | 0.84 | 0.2995 |  |  |  |  |


| $79-84$ |  |  |  | 0,1375 | 2 | 3.16 | 0.43 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 84.5 | 1.53 | 0.4370 |  |  |  |  |
| $85-92$ |  |  |  | 0,0559 | 2 | 1.29 | 0.39 |
|  | 92.5 | 2.45 | 0.4929 |  |  |  |  |
| The result of computation Chi-Square |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

With $\alpha=5 \%$ and $\mathrm{dk}=6-3=3$, from the chi-square distribution table, obtained $\chi^{2}$ table $=7.82$ Because $\chi^{2}$ count is lower than $\chi^{2}$ table ( $3.11<7.82$ ). So, the distribution list is normal.

## 2. Searching for the normality of initial data in the control class

Hypothesis:
Ha: The distribution list is normal.
Ho: The distribution list is not normal

## Test of hypothesis:

The formula is used:
$\chi^{2}=\sum_{i=1}^{k} \frac{\left(O_{i}-E_{i}\right)^{2}}{E_{i}}$
The computation of normality test:
$\mathrm{N}=22$
Maximum score $=91$
Minimum score $=56$
Range $=91-56=36$
$K /$ Number of class $(K=1+3,3 \log n)=6$
Length of the class $(i=r / K)=6$
$\sum x=1554$
$\bar{x}=70,64$

Table 11
Normality Pre test of the Control Class

| Interval <br> Class | $x_{i}$ | $f_{i}$ | $\left(x_{i}-\bar{x}\right)$ | $\left(x_{i}-\bar{x}\right)^{2}$ | $f_{i}\left(x_{i}-\bar{x}\right)^{2}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $56-61$ | 58.5 | 3 | -12.14 | 147.38 | 442.14 |
| $62-67$ | 64.5 | 6 | -6.14 | 37.70 | 226.2 |
| $68-73$ | 70.5 | 6 | -0.14 | 0.02 | 0.12 |
| $74-79$ | 76.5 | 3 | 5.86 | 34.34 | 103.02 |
| $80-85$ | 82.5 | 2 | 11.86 | 140.66 | 281.32 |
| $86-91$ | 88.5 | 2 | 17.86 | 318.98 | 637.96 |
|  | 22 |  |  | 1690.76 |  |

$$
\begin{aligned}
S & =\sqrt{\frac{\sum f_{i}\left(x_{i}-\bar{x}\right)^{2}}{n-1}}=\sqrt{\frac{1690.76}{22-1}}=\sqrt{80.51} \\
& =8,97
\end{aligned}
$$

Table 12
Normality Pre test of the Control Class

| Class <br> interval | Limit <br> class | Z for <br> the <br> limit <br> class | Opportu- <br> nities Z | Size <br> classes <br> for Z | Oi | Ei | $\frac{\left(O_{i}-E_{i}\right)^{2}}{E_{i}}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 55.5 | -1.69 | 0.0455 |  |  |  |  |
| $56-61$ |  |  |  | 0,1084 | 3 | 2.38 | 0.16 |
|  | 61.5 | -1.02 | 0.1539 |  |  |  |  |
| $62-67$ |  |  |  | 0,2093 | 6 | 4.60 | 0.43 |
|  | 67.5 | -0.35 | 0.3632 |  |  |  |  |
| $68-73$ |  |  |  | 0,2377 | 6 | 5.23 | 0.11 |
| $74-79$ | 73.5 | 0.32 | 0.1255 |  |  |  |  |
|  |  |  | 0,2134 | 3 | 4.69 | 0.61 |  |
| $80-85$ |  |  |  | 0,1126 | 2 | 2.48 | 0.09 |


|  | 85.5 | 1.66 | 0.4515 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $86-91$ |  |  |  | 0,0386 | 2 | 0.85 | 1.56 |
|  | 91.5 | 2.33 | 0.4901 |  |  |  |  |
| The result of computation Chi-Square |  |  |  |  |  |  |  |

With $\alpha=5 \%$ and $\mathrm{dk}=6-3=3$, from the chi-square distribution table, obtained $\chi^{2}$ table $=7.82$. Because $\chi^{2}$ count is lower than $\chi^{2}$ table $(2.96<7.82)$. So, the distribution list is normal.

## 3. Searching for the homogeneity of the control class and the experimental class.

Homogeneity test is used to find out whether the group is homogenous or not.

## Hypothesis :

$$
\begin{aligned}
& H_{o}: \sigma_{1}^{2}=\sigma_{2}^{2} \\
& H_{A}: \sigma_{1}^{2} \neq \sigma_{2}^{2}
\end{aligned}
$$

## Test of hypothesis:

The formula is used:

$$
F=\frac{\text { Biggest var iant }}{\text { smallest var iant }}
$$

## The Data of the research:

$$
\begin{gathered}
\sigma_{1}^{2}=84.94 \quad \mathrm{n}_{1}=23 \\
\sigma_{2}^{2}=87.58 \quad \mathrm{n}_{2}=22 \\
\sigma_{1}^{2}=S_{1}^{2}=\frac{\sum(x-\bar{x})^{2}}{n_{1}-1} \\
S_{1}^{2}=\frac{1868.65}{23-1}=84.94 \\
\sigma_{2}^{2}= \\
S_{2}^{2}=\frac{\sum(x-\bar{x})^{2}}{n_{2}-1} \\
S_{2}^{2}=\frac{1839.1}{22-1}=87.58
\end{gathered}
$$

Biggest variant $(\mathrm{Bv})=87.58$
Smallest variant $(\mathrm{Sv})=84.94$
Based on the formula, it is obtained:
$F=\frac{\text { Biggest var iant }}{\text { smallest var iant }}$
$F=\frac{87.58}{84.94}$
$F=1.03$
With $\alpha=5 \%$ and dk $=(23-1=22):(22-1=21)$, obtained $F_{\text {table }} 2.11$. Because $F_{\text {count }}$ is lower than $F_{\text {table }}(1,03<2.11)$. So, Ho is accepted and the two groups have same variant / homogeneous
4. Searching for the average similarity of the initial data between the control and the experimental classes

To test the average similarity, data is analyzed using t -test.

## Hypothesis:

$\mathrm{H}_{\mathrm{o}}: \mu_{1}=\mu_{2}$
$\mathrm{H}_{\mathrm{a}}: \mu_{1} \neq \mu_{2}$

## Description:

$\mu_{1}$ : average of experimental class
$\mu_{2}$ : average of control class
Based on the computation of the homogeneity test, the experimental class and control class have same variant. So, the $t$-test formula:

$$
t=\frac{\overline{x_{1}}-\overline{x_{2}}}{S \sqrt{\frac{1}{n_{1}}+\frac{1}{n_{2}}}}
$$

With:

$$
S=\sqrt{\frac{\left(n_{1}-1\right) S_{1}^{2}+\left(n_{2}-1\right) S_{2}^{2}}{n_{1}+n_{2}-2}}
$$

## The data of the research:

$\overline{x_{1}}=71.17 \quad \overline{x_{2}} \quad=70.64$
$\mathrm{S}_{1}{ }^{2}=84.94 \quad \mathrm{~S}_{2}{ }^{2} \quad=87.58$
$\mathrm{n}_{1}=23 \quad n_{2}=22$
$S=\sqrt{\frac{\left(n_{1}-1\right) S_{1}^{2}+\left(n_{2}-1\right) S_{2}{ }^{2}}{n_{1}+n_{2}-2}}$
$\mathrm{S}=\sqrt{\frac{(23-1) 84.94+(22-1) 87.58}{23+22-2}}=9.29$

So, the computation t-test:

$$
t=\frac{\overline{x_{1}}-\overline{x_{2}}}{S \sqrt{\frac{1}{n_{1}}+\frac{1}{n_{2}}}}=\frac{71.17-70.64}{9.29 \sqrt{0,0889}}=\frac{0.53}{2.77}=0,19
$$

With $\alpha=5 \%$ and $\mathrm{dk}=23+22-2=43$, obtained ${ }_{\text {table }}=2,02$. Because ${ }^{t_{\text {count }}}$ is lower than $t_{\text {table }}(0,19<2,02)$. So, Ho is accepted and there is no difference of the pre test average value from both groups.
b. The End Phase Analysis

Table 13
The List of Post-test Score of the Experimental and Control Classes

| NO | Experimental Class |  |  | Control Class |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $x_{i}$ | $\left(x_{i}-\bar{x}\right)$ | $\left(x_{i}-\bar{x}\right)^{2}$ |  |  |  |  |
|  |  |  |  |  | $x_{i}$ | $\left(x_{i}-\bar{x}\right)$ | $\left(x_{i}-\bar{x}\right)^{2}$ |
| 1 | 62 | -19 | 361 | 1 | 92 | 17.86 | 318.98 |
| 2 | 78 | -3 | 9 | 2 | 67 | -7.14 | 50.98 |
| 3 | 93 | 12 | 144 | 3 | 76 | 1.86 | 3.46 |
| 4 | 72 | -9 | 81 | 4 | 65 | -9.14 | 83.54 |
| 5 | 66 | -15 | 225 | 5 | 83 | 8.86 | 78.50 |


| 6 | 69 | -12 | 144 | 6 | 70 | -4.14 | 17.14 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7 | 79 | -2 | 4 | 7 | 71 | -3.14 | 9.86 |
| 8 | 75 | -6 | 36 | 8 | 70 | -4.14 | 17.14 |
| 9 | 60 | -21 | 441 | 9 | 74 | -0.14 | 0.02 |
| 10 | 77 | -4 | 16 | 10 | 72 | -2.14 | 4.58 |
| 11 | 74 | -7 | 49 | 11 | 81 | 6.86 | 47.06 |
| 12 | 87 | 6 | 36 | 12 | 70 | -4.14 | 17.14 |
| 13 | 89 | 8 | 64 | 13 | 93 | 18.86 | 355.70 |
| 14 | 88 | 7 | 49 | 14 | 90 | 15.86 | 251.54 |
| 15 | 93 | 12 | 144 | 15 | 60 | -14.14 | 199.94 |
| 16 | 74 | -7 | 49 | 16 | 76 | 1.86 | 3.46 |
| 17 | 94 | 13 | 169 | 17 | 57 | -17.14 | 293.78 |
| 18 | 82 | 1 | 1 | 18 | 77 | 2.86 | 8.18 |
| 19 | 96 | 15 | 225 | 19 | 70 | -4.14 | 17.14 |
| 20 | 88 | 7 | 49 | 20 | 80 | 5.86 | 34.34 |
| 21 | 85 | 4 | 16 | 21 | 75 | 0.86 | 0.74 |
| 22 | 89 | 8 | 64 | 22 | 62 | -12.14 | 147.38 |
| 23 | 93 | 12 | 144 |  |  |  |  |
| $\sum$ | 1863 |  | 2520 | $\sum$ | 1631 |  | 1960.6 |
| $\bar{x}$ | 81 |  |  |  |  |  |  |
|  |  | 74.14 |  |  |  |  |  |

## 1. Searching for the normality of initial data in the experimental class

The normality test is used to know whether the data obtained is normally distributed or not. Based on the table above, the normality test:

Hypothesis:
Ha: The distribution list is normal.
Ho: The distribution list is not normal

## Test of hypothesis:

The formula is used:
$\chi^{2}=\sum_{i=1}^{k} \frac{\left(O_{i}-E_{i}\right)^{2}}{E_{i}}$
The computation of normality test:
$\mathrm{N}=23$
Maximum score $=96$
Minimum score $=60$
Range $=96-60=36$
$K /$ Number of class $(K=1+3,3 \log n)=6$
Length of the class $(\mathrm{i}=\mathrm{r} / \mathrm{K})=6$
$\sum x=1863$
$\bar{x}=81$
Table 14
Normality Post-test of the Experimental Class

| Interval <br> Class | $x_{i}$ | $f_{i}$ | $\left(x_{i}-\bar{x}\right)$ | $\left(x_{i}-\bar{x}\right)^{2}$ | $f_{i}\left(x_{i}-\bar{x}\right)^{2}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $60-65$ | 62.5 | 2 | -18.5 | 342.25 | 684.5 |
| $66-71$ | 68.5 | 2 | -12.5 | 156.25 | 312.5 |
| $72-77$ | 74.5 | 5 | -6.5 | 42.25 | 211.25 |
| $78-83$ | 80.5 | 3 | -0.5 | 0.25 | 0.75 |
| $84-89$ | 86.5 | 6 | 5.5 | 30.25 | 181.5 |
| $90-96$ | 93 | 5 | 12.5 | 144 | 720 |
|  | 23 |  |  | 2110.5 |  |

$$
\begin{aligned}
S & =\sqrt{\frac{\sum f_{i}\left(x_{i}-\bar{x}\right)^{2}}{n-1}}=\sqrt{\frac{2110.5}{23-1}}=\sqrt{95.93} \\
& =9.79
\end{aligned}
$$

Table 15
Normality Post-test of the Experimental Class

| Class <br> interval | Limit class | $\begin{gathered} \mathrm{Z} \text { for } \\ \text { the } \\ \text { limit } \\ \text { class } \end{gathered}$ | Opportunities Z | Size <br> classes <br> for Z | Oi | Ei | $\frac{\left(O_{i}-E_{i}\right)^{2}}{E_{i}}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 59.5 | -2.20 | 0.0139 |  |  |  |  |
| 60-65 |  |  |  | 0,0432 | 2 | 0.99 | 1.03 |
|  | 65.5 | -1.58 | 0.0571 |  |  |  |  |
| 66-71 |  |  |  | 0,1089 | 2 | 2.50 | 0.10 |
|  | 71.5 | -0.97 | 0.1660 |  |  |  |  |
| 72-77 |  |  |  | 0,1934 | 5 | 4.45 | 0.07 |
|  | 77.5 | -0.36 | 0.3594 |  |  |  |  |
| 78-83 |  |  |  | 0,2568 | 3 | 5.91 | 1.43 |
|  | 83.5 | 0.26 | 0.1026 |  |  |  |  |
| 84-89 |  |  |  | 0,2052 | 6 | 4.72 | 0.35 |
|  | 89.5 | 0.87 | 0.3078 |  |  |  |  |
| 90-96 |  |  |  | 0,1351 | 5 | 3.11 | 1.15 |
|  | 96.5 | 1.58 | 0.4429 |  |  |  |  |
| The result of computation Chi-Square |  |  |  |  |  |  | 4.13 |

With $\alpha=5 \%$ and $\mathrm{dk}=6-3=3$, from the chi-square distribution table, obtained $\chi_{\text {table }}^{2}=7.82$ Because $\chi^{2}$ count is lower than $\chi^{2}$ table ( $4.13<7.82$ ). So, the distribution list is normal.

## 2. Searching for the normality of initial data in the control class

Hypothesis:
Ha: The distribution list is normal.
Ho: The distribution list is not normal

## Test of hypothesis:

The formula is used:

$$
\chi^{2}=\sum_{i=1}^{k} \frac{\left(O_{i}-E_{i}\right)^{2}}{E_{i}}
$$

The computation of normality test:
$\mathrm{N}=22$
Maximum score $=93$
Minimum score $=57$
Range $=93-57=36$
$K /$ Number of class $(K=1+3,3 \log n)=6$
Length of the class $(\mathrm{i}=\mathrm{r} / \mathrm{K})=6$
$\sum x=1631$
$\bar{x}=74.14$

Table 16
Normality Post-test of the Control Class

| Interval <br> Class | $x_{i}$ | $f_{i}$ | $\left(x_{i}-\bar{x}\right)$ | $\left(x_{i}-\bar{x}\right)^{2}$ | $f_{i}\left(x_{i}-\bar{x}\right)^{2}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $57-62$ | 59.5 | 3 | -14.64 | 214.32 | 642.96 |
| $63-68$ | 65.5 | 2 | -8.64 | 74.65 | 149.3 |
| $69-74$ | 71.5 | 7 | -2.64 | 6.97 | 48.79 |
| $75-80$ | 77.5 | 5 | 3.36 | 11.29 | 37.93 |
| $81-86$ | 83.5 | 2 | 9.36 | 87.61 | 175.22 |
| $87-93$ | 90 | 3 | 15.86 | 251.54 | 754.62 |
|  | 22 |  |  | 1808.82 |  |

$$
\begin{aligned}
S & =\sqrt{\frac{\sum f_{i}\left(x_{i}-\bar{x}\right)^{2}}{n-1}}=\sqrt{\frac{1808.82}{22-1}}=\sqrt{86.13} \\
& =9.28
\end{aligned}
$$

Table 17
Normality Post-test of the Control Class

| Class <br> interval | $\begin{gathered} \text { Limit } \\ \text { class } \end{gathered}$ | Z for <br> the <br> limit <br> class | Opportunities Z | Size <br> classes <br> for Z | Oi | Ei | $\frac{\left(O_{i}-E_{i}\right)^{2}}{E_{i}}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 56.5 | -1.90 | 0.0287 |  |  |  |  |
| 57-62 |  |  |  | 0,0769 | 3 | 1.69 | 1.02 |
|  | 62.5 | -1.25 | 0.1056 |  |  |  |  |
| 63-68 |  |  |  | 0,1653 | 2 | 3.64 | 0.74 |
|  | 68.5 | -0.61 | 0.2709 |  |  |  |  |
| 69-74 |  |  |  | 0,2549 | 7 | 5.61 | 0.34 |
|  | 74.5 | 0.04 | 0.0160 |  |  |  |  |
| 75-80 |  |  |  | 0,2389 | 5 | 5.26 | 0.01 |
|  | 80.5 | 0.69 | 0.2549 |  |  |  |  |
| 81-86 |  |  |  | 0,1533 | 2 | 3.37 | 0.56 |
|  | 86.5 | 1.33 | 0.4082 |  |  |  |  |
| 87-93 |  |  |  | 0,0735 | 3 | 1.62 | 1.18 |
|  | 93.5 | 2.09 | 0.4817 |  |  |  |  |
| The result of computation Chi-Square |  |  |  |  |  |  | 3.85 |

With $\alpha=5 \%$ and $\mathrm{dk}=6-3=3$, from the chi-square distribution table, obtained $\chi_{\text {table }}^{2}=7.82$. Because $\chi^{2}$ count is lower than $\chi^{2}{ }_{\text {table }}$ ( $3.85<7.82$ ). So, the distribution list is normal.

## 3. Searching for the homogeneity of the control class and the experimental class.

Homogeneity test is used to find out whether the group is homogenous or not

## Hypothesis :

$$
\begin{aligned}
& H_{o}: \sigma_{1}^{2}=\sigma_{2}^{2} \\
& H_{A}: \sigma_{1}^{2} \neq \sigma_{2}^{2}
\end{aligned}
$$

## Test of hypothesis:

The formula is used:

$$
F=\frac{\text { Biggest var iant }}{\text { smallest var iant }}
$$

## The Data of the research:

$$
\begin{gathered}
\sigma_{1}^{2}=114.55 \quad \mathrm{n}_{1}=23 \\
\sigma_{2}^{2}=93.36 \quad \mathrm{n}_{2}=22 \\
\sigma_{1}^{2}=S_{1}^{2}=\frac{\sum(x-\bar{x})^{2}}{n_{1}-1} \\
S_{1}^{2}=\frac{2520}{23-1}=114.55 \\
S_{2}^{2}=\frac{\sum(x-\bar{x})^{2}}{n_{2}-1} \\
\sigma_{2}^{2}= \\
S_{2}^{2}=\frac{1960.6}{22-1}=93.36
\end{gathered}
$$

Biggest variant $(\mathrm{Bv})=114.55$
Smallest variant $(\mathrm{Sv})=93.36$
Based on the formula, it is obtained:

$$
\begin{aligned}
F & =\frac{\text { Biggest var iant }}{\text { smallest } \text { var iant }} \\
F & =\frac{114.44}{93.36} \\
F & =1.23
\end{aligned}
$$

With $\alpha=5 \%$ and $\mathrm{dk}=(23-1=22):(22-1=21)$, obtained $F_{\text {table }} 2.11$. Because $F_{\text {count }}$ is lower than $F_{\text {table }}(1,23<2.11)$. So, Ho is accepted and the two groups have same variant / homogeneous
4. Searching for the average similarity of the initial data between the control and the experimental classes
To test the average similarity, data is analyzed using t-test.

## Hypothesis :

$\mathrm{H}_{0}: \mu_{1}=\mu_{2}$
$\mathrm{H}_{\mathrm{a}}: \mu_{1} \neq \mu_{2}$

## Description:

$\mu_{1}$ : average of experimental class
$\mu_{2}$ : average of control class
Based on the computation of the homogeneity test, the experimental class and control class have same variant. So, the $t$-test formula:

$$
t=\frac{\overline{x_{1}}-\overline{x_{2}}}{S \sqrt{\frac{1}{n_{1}}+\frac{1}{n_{2}}}}
$$

With:

$$
S=\sqrt{\frac{\left(n_{1}-1\right) S_{1}^{2}+\left(n_{2}-1\right) S_{2}^{2}}{n_{1}+n_{2}-2}}
$$

## The data of the research:

$$
\begin{aligned}
& \overline{x_{1}}=81.00 \quad \overline{x_{2}} \quad=74.14 \\
& \mathrm{~S}_{1}^{2}=114.55 \quad \mathrm{~S}_{2}^{2} \quad=93.36 \\
& \mathrm{n}_{1}=23 \quad n_{2} \quad=22 \\
& S=\sqrt{\frac{\left(n_{1}-1\right) S_{1}^{2}+\left(n_{2}-1\right) S_{2}^{2}}{n_{1}+n_{2}-2}} \\
& \mathrm{~S}=\sqrt{\frac{(23-1) 114.55+(22-1) 93.36}{23+22-2}}=10.21
\end{aligned}
$$

So, the computation t -test:

$$
t=\frac{\overline{x_{1}}-\overline{x_{2}}}{S \sqrt{\frac{1}{n_{1}}+\frac{1}{n_{2}}}}=\frac{81.00-74.14}{10.21 \sqrt{0,0889}}=\frac{6.86}{3.04}=2,26
$$

 Because ${ }^{t_{\text {count }}}$ is higher than $t_{\text {table }}(2.26>2,02)$.

From the result, it can be concluded that there is a difference result between the students who were taught by using diary writing and those were taught by using conventional method (recount text only) where the students who wrote diary got better scores. The hypothesis is accepted.

## C. The Analysis of Interview

Beside test, the researcher also used interview as secondary data. Interview is dialogue between interviewer and interviewee. The writer will interviewed the students related to the writing class. The follow up of interview aimed at knowing how the use of diary writing was. So the writer got more information about students' responses. Here, the writer used semistructured interview.

The writer took 12 students from total number of the experimental class as the interviewees. The writer used stratified sample where the subjects of interview were taken from group of students with high scores, medium scores, and low score. After grouping the students, the writer chose the sample randomly. 4 students were taken from each group.

The writer gave them six questions to be answered. Here was the result of the interview:

1. Question number 1 was, whether the students were interested in writing recount text. The result was $83.33 \%$ of students were interested in writing recount text and $16.67 \%$ of students were not interested. It can be concluded that most of them were interested in writing recount text.
2. Question number 2 was, whether the students found difficulties in writing recount text. The result was $41.67 \%$ of students felt difficult in mastering vocabulary, $25 \%$ of students felt difficult in mastering grammar, $25 \%$ of students felt difficult in mastering both vocabulary and grammar, and
$8.33 \%$ of students did not find any difficulties in writing recount text. It can be concluded that most of them found difficulties in writing esspecially in mastering vocabulary.
3. Question number 3 was, whether the students enjoyed learning writing recount text by using diary writing. The result was $91.67 \%$ of students enjoyed learning writing recount text by using diary writing and $8.33 \%$ of students did not enjoy learning writing by using diary writing. It can be concluded that most of them enjoyed learning writing recount text by using diary writing.
4. Question number 4 was, whether diary writing helped the students learn writing recount text. The result was $41.67 \%$ of students said that writing in diary helped them become more fluent in writing recount text, $33.33 \%$ of students said that writing in diary helped them memorize vocabulary, $16.67 \%$ of students said that writing in diary helped them to understand grammar, and $8.33 \%$ of students said that writing in diary did not give any advantages for them. It can be concluded that diary writing helped most of them to learn writing recount text.
5. Question number 5 was, whether the students found difficulties in writing diary. The result was $33.33 \%$ of students were difficult in vocabulary mastery, $25 \%$ of students were difficult in mastering grammar, $25 \%$ of students were difficult in both vocabulary and grammar mastery, and $16.67 \%$ of students did not find any difficulties in writing diary. It can be concluded that most of students found difficulties in writing diary esspecially in vocabulary mastery.
6. Question number 6 was, whether it is important to continue writing diary in the next time. The result was $91.67 \%$ of students said that it is important to continue writing diary in the next time and $8.33 \%$ of students said that it is not important to continue writing diary in the next time. It can be concluded that most of students said that it is important to continue writing diary in the next time.

Based on the result of all the questions of interview, it can be concluded that the students enjoyed learning writing recount text by using diary writing. Writing diary made them more fluent in writing and improved their vocabulary and grammar mastery. Through writing diary, the students were easier to understand how to write a recount text because writing diary is a part of people's life. Writing diary which was done everyday becomes a habit for students that helped them improve their writing skill and reduce their errors. The students also agreed if treatment of diary writing would be continued in the next time.

## D. Discussion of the Research Findings

This section discusses the research findings while include discussion, the advantages of the treatment, and the weakness of the use of diary writing in the teaching of writing recount text.

## 1. Discussion

Based on the finding of the research, it was found that the students who were taught by using diary writing have been improved in writing recount text than the students who were taught by using conventional method (recount text only) because the students who were taught by using diary writing felt freer when they wrote their own experiences. They did not worry in making any mistakes and they could share their experiences easily.

Although the strategy had been applied appropriately, the students' writing result was not satisfactory yet and they still did a few mistakes. This problem was due to the students' lack of experiences and exposure in english writing skill.

In other cases, the students still made mistakes in choosing appropriate words that were caused by inadequate knowledge of vocabulary. In this time, the researcher allowed them to share their difficulties with their friends or use dictionary to help them in choosing the
appropriate words. Sometimes, the researcher helped them if they got some difficulties and they got stuck with it.

Based on the result of the pre-test before the strategy of diary writing was implemented, the students faced many difficulties in writing. Their writing usually contained errors in grammar and less of fluency. The ideas were not clearly stated and the sentences were not well organized and difficult to understand and lack of vocabularies. Beside that, they often forgot using past form and seemed confused in distinguishing between regular and irregular verbs.

After getting diary writing treatment and post-test was conducted, it was found that there were significant differences between experimental group and control group where the score of experimental group was higher. Most of generic structures of experimental group were complete, fit in the use of past tense and the ideas were easier to understand. Their fluency in writing recount text was also better because they were used to write diary which is also written in a past tense form. However, there were still a few mistakes in making misspelling and some students still have problems of using past tense.

The improvement of the students' writing recount text might be caused by the habitual action in writing diary. The tense that is used in writing diary and recount text is similar, they used past tense form and same in organization. So, the students became more familiar.

The result of the data analysis showed that the strategy of using diary in teaching recount text seemed to be applicable for the eighth grade students of SMP Nurul Islami Semarang. The strategy encouraged the students to be more active and motivated in writing english text, especially writing recount text.

The testing hypothesis indicated that the experimental group was significant higher than the control group. The mean score of the experimental group was 81 and the control group was 74.14 , and the
differences between the two means was 6.86 . The $t$-test score showed that
$t_{\text {count }}$ is higher than $t_{\text {table }}(2.26>2,02)$ with $\alpha=5 \%$.
Based on the statement above, it is proven that there was a significant different achievement between the students who were taught by using diary writing as a medium of teaching writing recount text and the students who were taught by using conventional method or only recount text.

## 2. The advantages of the treatment

Here the researcher showed some factors that might influence the result of the experiment. The factors were the advantages in using diary in the teaching of writing recount text. First, it could make the students more interested in writing. They would not feel under pressure in realizing of making mistakes. Second, they could be better in writing recount text because they were used to write stories in english. So the students could improve their skill, especially in producing recount text because of the similarity in the tense used. Third, writing diary became a habit for the students because they wrote diary everyday as long as the treatment was conducted. By practicing writing everyday, they became more fluent and reduced in making some errors in writing.

## 3. The weakness of the use of diary writing in the teaching of writing recount text

Diary writing also had some weakness. The weakness could be inferred in the result of the students' writing. They faced some difficulties in making complex sentences because they only accustomed to make simple past tense sentences. Sometimes the students less their notion in punctuation in writing story because they wrote in a free way.

## E. Limitation of the Research

The writer realized that this research had not been done optimally. There were constraints and obstacles that were faced during the research process. Some limitations of this research are:

1. Relative short time of research makes this research could not be done maximally.
2. The research is limited at the 8th grade students of SMP Nurul Islami Semarang in the academic year of 2009/2010. So that when the same research will be done in other schools, it is still possible to get different result.
3. The implementation of the research process was less perfect; this was more due to lack experience and knowledge of the researcher.

Considering all those limitations, there is a need to do more research about teaching writing recount text by using diary writing. So, more optimal result will be gained.

