## CHAPTER IV

## RESEARCH FINDINGS AND ANALYSIS

## A. Description of the Research Result

To find out the influence of students' achievement of phonology toward their pronunciation with the students of English Language Education Department on fourth semester, the writer did an analysis of quantitative data. The data is obtained by giving phonology and pronunciation test.

The subjects of this research were the students of English Department on fourth semester. There are two classes of them, TBI 4A and TBI 4B. Before conducting the tests on them, the writer gave the try out test to the students of TBI 4B. The test is phonology test and it consist of 12 questions.

After the data were collected, the writer analyzed it. The first analysis data is the result of try out test. The analysis consists of validity, reliability, level of difficulty and discriminating power. After analyzing the try out test, the writer gave the phonology and pronunciation test to both of class, TBI 4A and TBI 4 B. Then, the analysis of the test result is described below.

## B. The Data Analysis and Test of Hypothesis

## 1. The Data Analysis

## a. The Data Analysis of Try-out Test Instrument

This discussion covers validity, reliability, level of difficulty and discriminating power.

1. Validity of Instrument

As mentioned in chapter III, validity refers to the precise measurement of the test. In this study, item validity is used to know the index validity of the test. To know the validity of instrument, the writer used the Pearson product moment formula to analyze each item.

It is obtained that from 15 test items; there are 13 test items which are valid and 2 test items which are invalid. They are on number 7 and 9 . They are invalid with the reason that the computation result of their $\mathrm{r}_{x y}$ value (the correlation of score each item) is lower than their $\mathrm{r}_{\text {table }}$ value.

The following is the example of item validity computation for item number 1 and for the other items would use the same formula.

$$
\begin{array}{ll}
\mathrm{N}=38 & \sum Y=341 \\
\sum X Y=206 & \sum X^{2}=21
\end{array}
$$

$$
\begin{aligned}
& \sum X=21 \quad \sum Y^{2}=3273 \\
& r_{x y}=\frac{N \sum X Y-\sum(X) \sum(Y)}{\sqrt{\left.\left\{N \sum X^{2}-\left(\sum X\right)^{2}\right\} N \sum Y^{2}-\left(\sum Y\right)^{2}\right\}}} \\
& r_{x y}=\frac{38(206)-21(341)}{\sqrt{\left\{38(21)-(21)^{2}\right\}\left\{38(3273)-(691)^{2}\right\}}} \\
& r_{x y}=\frac{7828-7161}{\sqrt{(798-441)(124374-116281)}}
\end{aligned}
$$

$$
r_{x y}=\frac{667}{\sqrt{(357)(8093)}}
$$

$$
r_{x y}=\frac{667}{1699.7}
$$

$$
r_{x y}=0.3924
$$

From the computation above, the result of computing validity of the item number 1 is 0.39 . After that, the writer consulted the result to the table of $r$ Product Moment with the number of subject $(N)=38$ and significance level $5 \%$ it is 0.320 . Since the result of the computation is higher than $r$ in table, the index of validity of the item number 1 is considered to be valid. The list of the validity of each item can be seen in appendix 12.
2. Reliability of Instrument

A good test must be valid and reliable. Besides the index of validity, the writer calculated the reliability of the test using Kuder- Richarson formula 20(K-R 20).

Before computing the reliability, the writer had to compute Varian ( $\mathrm{S}^{2}$ ) with the formula below:

$$
\begin{aligned}
& \mathrm{N}=38 \\
& \sum Y^{2}=3273 \quad \sum Y=341 \\
& S^{2}=\frac{\sum p q=3,26}{N} \\
& S^{2}=\frac{3273-\frac{(341)^{2}}{38}}{38} \\
& S^{2}=\frac{3273-3060}{38} \\
& S^{2}=\frac{213}{38} \\
& S^{2}=5.605
\end{aligned}
$$

The computation of the Varian $\left(\mathrm{S}^{2}\right)$ is 5.605. After finding the Varian ( $\mathrm{S}^{2}$ ) the writer computed the reliability of the test as follows:

$$
\begin{aligned}
& r_{11}=\left(\frac{n}{n-1}\right)\left(\frac{S-\sum p q}{S^{2}}\right) \\
& r_{11}=\left(\frac{38}{38-1}\right)\left(\frac{5.605-3.227}{5.605}\right) \\
& r_{11}=1.04\left(\frac{15.8772}{20.72}\right) \\
& r_{11}=0.454
\end{aligned}
$$

From the computation above, it is found out that $r_{11}$ (the total of reliability test) is 0.454 , whereas the number of subjects is 38 and the critical value for r-table with significance level $5 \%$ is 0.320 . Thus, the value resulted from the computation is higher than its critical value. It could be concluded that the instrument used in this research is reliable.

## 3. The level of Difficulty

The following is the computation of the level difficulty for item number 1 and for the other items would use the same formula.

$$
\begin{aligned}
& \mathrm{B}=21 \\
& \mathrm{JS}=38 \\
& P=\frac{B}{J S} \quad P=\frac{21}{38} \\
& P=0.55
\end{aligned}
$$

It is proper to say that the index difficulty of the item number 1 above can be said as the sufficient category, because the calculation result of the item number 1 is in the interval $0.30 \leq p \leq 0.70$.

After computing 15 items of the try-out test, there are 5 items are considered to be easy, 10 items are sufficient. The whole computation result of difficulty level can be seen in appendix 12.
4. The Discriminating Power

The discrimination power of an item indicated the extent to which the item discriminated between the testees, separating the more able testees from the less able. The index of discriminating power told us whether those students who performed well on the whole test tended to do well or badly on each item in the test. To do this analysis, the number of try-out subjects was divided into two groups, upper and lower groups.

The following is the computation of the discriminating power for item number 1 , and for other items are used the same formula.

$$
\begin{array}{ll}
\mathrm{BA}=14 & \mathrm{BB}=7 \\
\mathrm{JA}=19 & \mathrm{JB}=19
\end{array}
$$

$$
\mathrm{D}=\frac{B A}{J A}-\frac{B B}{J B}
$$

D $=\frac{14}{19}-\frac{7}{19}$
$\mathrm{D}=0.74-0.37$
$\mathrm{D}=0.37$
According to the criteria, the item number 1 above is enough category, because the calculation result of the item number 1 is in the interval $0.20 \leq p \leq 0.40$.

After computing 15 items of try -out test, there are 2 items are considered to be good, 10 items are enough, and 3 items are poor. The result of the discriminating power of each item could be seen appendix 12.

Based on the analysis of validity, reliability, difficulty level, and discriminating power, finally 12 items are accepted. They are number $1,2,4,5,6,8$, $10,11,12,13,14,15$.

## b. The Score of English Phonology

From the result of try out analysis, there are 12 questions were valid. The classification, 7 questions are multiple choice and 5 questions are transcription. Each
correct answer is scored 1, and each incorrect answer is scored 0 . The total score is 12 .

The score of students' achievement of English phonology can be described on the table below:

Table 4.1
The Data of Students' Achievement of English Phonology

| No | Code | Total |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ |  |
| 1 | C 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 7 |
| 2 | C 2 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 6 |
| 3 | C 3 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 8 |
| 4 | C 4 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 6 |
| 5 | C 5 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 10 |
| 6 | C 6 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 8 |
| 7 | C 7 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 7 |
| 8 | C 8 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 9 |
| 9 | C 9 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 7 |
| 10 | C 10 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 6 |
| 11 | C 11 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 8 |
| 12 | C 12 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 9 |
| 13 | C 13 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 7 |
| 14 | C 14 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 8 |
| 15 | C 15 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 6 |
| 16 | C 16 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 8 |
| 17 | C 17 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 7 |
| 18 | C 18 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 9 |
| 19 | C 19 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 6 |
| 20 | C 20 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 7 |
| 21 | C 21 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 8 |
| 22 | C 22 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 6 |
| 23 | C 23 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 8 |
| 24 | C 24 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 6 |


| No | Code | Test Items |  |  |  |  |  |  |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |  |
| 25 | C25 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 7 |
| 26 | C26 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 8 |
| 27 | C27 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 9 |
| 28 | C28 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 6 |
| 29 | C29 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 8 |
| 30 | C30 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 5 |
| 31 | C31 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 9 |
| 32 | C32 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 6 |
| 33 | C33 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 6 |
| 34 | C34 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 9 |
| 35 | C35 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 6 |
| 36 | C36 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 8 |
| 37 | C37 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 7 |
| 38 | C38 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 6 |
| 39 | C39 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 6 |
| 40 | C40 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 8 |
| 41 | C41 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 5 |
| 42 | C42 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 8 |
| 43 | C43 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 6 |
| 44 | C44 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 10 |
| 45 | C45 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 11 |
| 46 | C46 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 47 | C47 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 9 |
| 48 | C48 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 8 |
| 49 | C49 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 6 |
| 50 | C50 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 7 |
| 51 | C51 | 1 | 0 |  | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 8 |
| 52 | C52 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 5 |
| 53 | C53 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 8 |
| 54 | C54 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 4 |
| 55 | C55 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 8 |
| 56 | C56 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 9 |
| 57 | C57 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 8 |
| 58 | C58 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 10 |


| No | Code | Test Items |  |  |  |  |  |  |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |  |
| 59 | C59 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 8 |
| 60 | C60 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 9 |
| 61 | C61 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 7 |
| 62 | C62 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 6 |
| 63 | C63 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 7 |
| 64 | C64 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 9 |
| 65 | C65 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 10 |
| 66 | C66 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 9 |
| 67 | C67 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 5 |
| 68 | 68 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 6 |
| 69 | C69 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 8 |
| 70 | C70 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 9 |
| 71 | C71 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 8 |
| 72 | C72 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 7 |
| 73 | C73 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 5 |
| 74 | C74 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 6 |
| 75 | C75 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 7 |
| 76 | C76 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 7 |
| 77 | C77 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 8 |
| 78 | C78 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 8 |
| 79 | C79 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 11 |
| 80 | C80 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 6 |
| 81 | C81 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 7 |
|  |  | TOTAL |  |  |  |  |  |  |  |  |  |  |  | 604 |

Based on the above table, the highest score of phonology is 11 and the lowest is 4 . The score ( X ) is 604 and the participants $(\mathrm{N})$ are 81 .

The next step is to calculate Mean of students' achievement of English phonology:

$$
\begin{aligned}
M x & =\frac{\sum X}{N} \\
& =\frac{604}{81} \\
& =7.457
\end{aligned}
$$

## c. The Score of Pronunciation

The next, the writer wants to find out data about the students' achievement of pronunciation. In this case, the students read the dialogue in pair with the scoring attitudes as below:

| NO | INDICATOR |  |  | SCORE |
| :---: | :---: | :---: | :---: | :---: |
| 1 | Pitch and Intonation | Falling intonation | 11 | 19 |
|  |  | $\begin{array}{ll} \hline \text { Mid } & \text { high } \\ \text { intonation } \end{array}$ | 4 |  |
|  |  | High normal intonation | 4 |  |
| 2 | Word stress |  | 22 | 22 |
| 3 | Speech sound | Vowel | 9 | 50 |
|  |  | Consonant | 22 |  |
|  |  | Cluster | 11 |  |
|  |  | Diphthong | 8 |  |
|  | Total Score |  | 91 | 91 |

The students' score of pronunciation are described in the table below:

Table 4.2
The data of students' achievement of pronunciation

| Code | Score |
| :---: | :---: |
| C1 | 71 |
| C2 | 74 |
| C3 | 70 |
| C4 | 74 |
| C5 | 73 |
| C6 | 85 |
| C7 | 76 |
| C8 | 73 |
| C 9 | 79 |
| C10 | 77 |
| C11 | 67 |
| C12 | 79 |
| C13 | 85 |
| C14 | 75 |
| C15 | 79 |
| C16 | 71 |
| C17 | 77 |
| C18 | 74 |
| C19 | 85 |
| C20 | 76 |
| C21 | 80 |
| C22 | 80 |
| C23 | 71 |
| C24 | 80 |
| C25 | 68 |
| C26 | 77 |
| C27 | 80 |
| C28 | 85 |
| C29 | 68 |
| C30 | 79 |
| C31 | 68 |
| C32 | 80 |
|  |  |
|  |  |


| Code | Score |
| :---: | :---: |
| C42 | 79 |
| C43 | 69 |
| C44 | 86 |
| C45 | 81 |
| C46 | 86 |
| C47 | 80 |
| C48 | 79 |
| C49 | 74 |
| C50 | 80 |
| C51 | 77 |
| C52 | 69 |
| C53 | 65 |
| C54 | 79 |
| C55 | 76 |
| C56 | 83 |
| C57 | 80 |
| C58 | 79 |
| C59 | 73 |
| C60 | 83 |
| C61 | 78 |
| C62 | 66 |
| C63 | 78 |
| C64 | 81 |
| C65 | 85 |
| C66 | 74 |
| C67 | 73 |
| 68 | 73 |
| C69 | 85 |
| C70 | 82 |
| C71 | 83 |
| C72 | 83 |
| C73 | 73 |
|  |  |


| C 33 | 71 |
| :--- | :--- |
| C34 | 67 |
| C35 | 74 |
| C36 | 68 |
| C37 | 80 |
| C38 | 77 |
| C39 | 71 |
| C40 | 73 |
| C41 | 69 |


| C 74 | 69 |
| :---: | :---: |
| C 75 | 73 |
| C 76 | 76 |
| C 77 | 80 |
| C 78 | 71 |
| C 79 | 82 |
| C 80 | 73 |
| C 81 | 77 |
|  | $\mathbf{6 1 7 9}$ |

Based on the above table, the highest score of pronunciation is 86 and the lowest is 65 . The score $(\mathrm{X})$ is 6179 and the participants $(\mathrm{N})$ are 81.

The next step is to calculate Mean of students' achievement of phonology:

$$
\begin{aligned}
M x & =\frac{\sum X}{N} \\
& =\frac{6179}{81} \\
& =76.28
\end{aligned}
$$

## 2. Hypothesis Analysis

The purpose of hypothesis analysis is to know is there an influence between students' achievement of English phonology toward their pronunciation. The data of students' score of English phonology (X) and students' score of pronunciation $(\mathrm{Y})$ are entered on a table of regression analysis as below:

Table 4.3
Regression Analysis Table of
Students' achievement of English phonology (X) and Students' achievement of pronunciation (Y)

| No | Code | $\mathbf{X}$ | $\mathbf{Y}$ | $\mathbf{X 2}$ | $\mathbf{Y 2}$ | $\mathbf{X Y}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | C 1 | 7 | 71 | 49 | 5041 | 497 |
| 2 | C 2 | 6 | 74 | 36 | 5476 | 444 |
| 3 | C 3 | 8 | 70 | 64 | 4900 | 560 |
| 4 | C 4 | 6 | 74 | 36 | 5476 | 444 |
| 5 | C 5 | 10 | 73 | 100 | 5329 | 730 |
| 6 | C 6 | 8 | 85 | 64 | 7225 | 680 |
| 7 | C 7 | 7 | 76 | 49 | 5776 | 532 |
| 8 | C 8 | 9 | 73 | 81 | 5329 | 657 |
| 9 | C 9 | 7 | 79 | 49 | 6241 | 553 |
| 10 | C 10 | 6 | 77 | 36 | 5929 | 462 |
| 11 | C 11 | 8 | 67 | 64 | 4489 | 536 |
| 12 | C 12 | 9 | 79 | 81 | 6241 | 711 |
| 13 | C 13 | 7 | 85 | 49 | 7225 | 595 |
| 14 | C 14 | 8 | 75 | 64 | 5625 | 600 |
| 15 | C 15 | 6 | 79 | 36 | 6241 | 474 |
| 16 | C 16 | 8 | 71 | 64 | 5041 | 568 |
| 17 | C 17 | 7 | 77 | 49 | 5929 | 539 |
| 18 | C 18 | 9 | 74 | 81 | 5476 | 666 |
| 19 | C 19 | 6 | 85 | 36 | 7225 | 510 |
| 20 | C 20 | 7 | 76 | 49 | 5776 | 532 |
| 21 | C 21 | 8 | 80 | 64 | 6400 | 640 |
| 22 | C 22 | 6 | 80 | 36 | 6400 | 480 |
| 23 | C 23 | 8 | 71 | 64 | 5041 | 568 |
| 24 | C 24 | 6 | 80 | 36 | 6400 | 480 |
| 25 | C 25 | 7 | 68 | 49 | 4624 | 476 |
| 26 | C 26 | 8 | 77 | 64 | 5929 | 616 |
| 27 | C 27 | 9 | 80 | 81 | 6400 | 720 |
| 28 | C 28 | 6 | 85 | 36 | 7225 | 510 |
| 29 | C 29 | 8 | 68 | 64 | 4624 | 544 |
| 30 | C 30 | 5 | 79 | 25 | 6241 | 395 |


| No | Code | $\mathbf{X}$ | $\mathbf{Y}$ | $\mathbf{X 2}$ | $\mathbf{Y 2}$ | $\mathbf{X Y}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 31 | C 31 | 9 | 68 | 81 | 4624 | 612 |
| 32 | C 32 | 6 | 80 | 36 | 6400 | 480 |
| 33 | C 33 | 6 | 71 | 36 | 5041 | 426 |
| 34 | C 34 | 9 | 67 | 81 | 4489 | 603 |
| 35 | C 35 | 6 | 74 | 36 | 5476 | 444 |
| 36 | C 36 | 8 | 68 | 64 | 4624 | 544 |
| 37 | C 37 | 7 | 80 | 49 | 6400 | 560 |
| 38 | C 38 | 6 | 77 | 36 | 5929 | 462 |
| 39 | C 39 | 6 | 71 | 36 | 5041 | 426 |
| 40 | C 40 | 8 | 73 | 64 | 5329 | 584 |
| 41 | C 41 | 5 | 69 | 25 | 4761 | 345 |
| 42 | C 42 | 8 | 79 | 64 | 6241 | 632 |
| 43 | C 43 | 6 | 69 | 36 | 4761 | 414 |
| 44 | C 44 | 10 | 86 | 100 | 7396 | 860 |
| 45 | C 45 | 11 | 81 | 121 | 6561 | 891 |
| 46 | C 46 | 10 | 86 | 100 | 7936 | 860 |
| 47 | C 47 | 9 | 80 | 81 | 6400 | 720 |
| 48 | C 48 | 8 | 79 | 64 | 6241 | 632 |
| 49 | C 49 | 6 | 74 | 36 | 5476 | 444 |
| 50 | C 50 | 7 | 80 | 49 | 6400 | 560 |
| 51 | C 51 | 8 | 77 | 64 | 5929 | 616 |
| 52 | C 52 | 5 | 69 | 25 | 4761 | 345 |
| 53 | C 53 | 4 | 65 | 16 | 4225 | 260 |
| 54 | C 54 | 8 | 79 | 64 | 6241 | 632 |
| 55 | C 55 | 8 | 76 | 64 | 5776 | 608 |
| 56 | C 56 | 9 | 83 | 81 | 6889 | 747 |
| 57 | C 57 | 8 | 80 | 64 | 6400 | 640 |
| 58 | C 58 | 10 | 79 | 100 | 6241 | 790 |
| 59 | C 59 | 8 | 73 | 64 | 5339 | 584 |
| 60 | C 60 | 9 | 83 | 81 | 6889 | 747 |
| 61 | C 61 | 7 | 78 | 49 | 6084 | 546 |
| 62 | C 62 | 6 | 66 | 36 | 4356 | 396 |
| 63 | C 63 | 7 | 78 | 49 | 6084 | 546 |
| 64 | C 64 | 9 | 81 | 81 | 6561 | 729 |
| 65 | C 65 | 10 | 85 | 100 | 7225 | 850 |


| No | Code | $\mathbf{X}$ | $\mathbf{Y}$ | $\mathbf{X 2}$ | $\mathbf{Y 2}$ | $\mathbf{X Y}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 66 | C66 | 9 | 74 | 81 | 5476 | 666 |
| 67 | C67 | 5 | 73 | 25 | 5329 | 365 |
| 68 | 68 | 6 | 73 | 36 | 5329 | 438 |
| 69 | C 69 | 8 | 85 | 64 | 7225 | 680 |
| 70 | C 70 | 9 | 82 | 81 | 6724 | 738 |
| 71 | C 71 | 8 | 83 | 64 | 6889 | 664 |
| 72 | C 72 | 7 | 83 | 49 | 6889 | 581 |
| 73 | C 73 | 5 | 73 | 25 | 5329 | 365 |
| 74 | C 74 | 6 | 69 | 36 | 4761 | 414 |
| 75 | C 75 | 7 | 73 | 49 | 5329 | 511 |
| 76 | C 76 | 7 | 76 | 49 | 5776 | 532 |
| 77 | C 77 | 8 | 80 | 64 | 6400 | 640 |
| 78 | C 78 | 8 | 71 | 64 | 5041 | 568 |
| 79 | C 79 | 11 | 82 | 121 | 6724 | 902 |
| 80 | C 80 | 6 | 73 | 36 | 5329 | 438 |
| 81 | C 81 | 7 | 77 | 49 | 5929 | 539 |
| Statistic |  |  |  | $\mathbf{X}$ | $\mathbf{Y}$ | $\mathbf{X 2}$ |
| Total |  |  |  |  |  | $\mathbf{6 0 4}$ |
| $\mathbf{6 1 7 9}$ | $\mathbf{4 6 8 2}$ | $\mathbf{4 7 3 7 2 9}$ | $\mathbf{4 6 2 9 5}$ |  |  |  |

$$
\begin{array}{ll}
\mathrm{N}=81 & \sum \mathrm{X}^{2}=4682 \\
\sum \mathrm{X}=604 & \sum \mathrm{Y}^{2}=473729 \\
\sum \mathrm{Y}=6179 & \sum \mathrm{XY}=46295
\end{array}
$$

The all data is calculated by using regression one predictor analysis in order to prove the hypothesis of this research, significant or not significant.
a. Looking for the correlation between X and Y

Correlation between X and Y can be searched through the Pearson product moment correlation formula:

$$
r_{x y}=\frac{N \sum X Y-\sum(X) \sum(Y)}{\sqrt{\left.\left\{N \sum X^{2}-\left(\sum X\right)^{2}\right\} N \sum Y^{2}-\left(\sum Y\right)^{2}\right\}}}
$$

$\mathrm{r}_{\mathrm{xy}}$ : The correlation coefficient between X variable and Y variable
$\mathrm{N}:$ The number of students
X : The total score of phonology
Y : The total score of pronunciation
From the table above, the writer put the data into the formula:

$$
\begin{aligned}
& r_{x y}=\frac{N \sum X Y-\sum(X) \sum(Y)}{\sqrt{\left.\left\{N \sum X^{2}-\left(\sum X\right)^{2}\right\} N \sum Y^{2}-\left(\sum Y\right)^{2}\right\}}} \\
& r_{x y}=\frac{81(46295)-(604)(6179)}{\sqrt{\left\{81(4682)-(604)^{2}\right\}\left(81(473729)-(6179)^{2}\right\}}} \\
& r_{x y}=\frac{3749895-3732116}{\sqrt{(379242-364816)(38372049-38180041)}}
\end{aligned}
$$

$$
r_{x y}=\frac{17779}{\sqrt{(14426)(192008)}}
$$

$$
r_{x y}=\frac{17779}{52629.9}
$$

From the computation above, the result is 0,338 . After that, the writer consulted the result to the table of $r$ Product Moment with the number of subject $(\mathrm{N})=81$ and significance level $5 \%$ and $\mathrm{r}_{\text {table }}$ is 0,220 . Because $\mathrm{r}_{x y}>\mathrm{r}_{\text {table }}$, it means significant, so it can be concluded that there is correlation between students’ achievement of phonology toward their achievement of pronunciation.

From the result above, the writer will interpret that category of correlation based on the following:
$0,80-1,00$ means very high correlation.
$0,60-0,799$ means high correlation.
$0,40-0,599$ means enough correlation.
$0,20-0,399$ means low correlation.
$0,00-0,199$ means very low correlation.
Based on the calculation above, the writer concluded that the correlation between students' achievement of phonology toward their pronunciation had positive correlation with the number of correlation is 0,388 , and it was categorized "low correlation".
b. Looking for the regression similarity

$$
\hat{Y}=a+b X
$$

With the calculation of coefficient a and b as below:

1) The calculation of coefficient $b$

$$
b=\frac{n \sum X Y-\left(\sum X\right)\left(\sum Y\right)}{n \cdot \sum X^{2}-\left(\sum X\right)^{2}}
$$

$$
\begin{aligned}
& b=\frac{81 \cdot(46295)-(604)(6179)}{81 \cdot(4682)-(604)^{2}} \\
& b=\frac{3749895-3732116}{379242-364816}=\frac{17779}{14426} \\
& b=1,23
\end{aligned}
$$

2) The calculation of cefficient a

$$
\begin{aligned}
& a=\frac{\left(\sum y\right)-b\left(\sum x\right)}{n} \\
& a=\frac{6179-(1,23)(604)}{81} \\
& a=\frac{6179-742,92}{81}=\frac{5436,08}{81} \\
& a=67,1
\end{aligned}
$$

From the computation above, the writer concluded that the regression similarity is:

$$
\begin{aligned}
& \bar{Y}=a+b X \\
& \bar{Y}=67,1+1,23 X
\end{aligned}
$$

c. Examining the regression significant

After computing the students' score as described on table above, the writer began to examine the regression significant with the steps of calculating as below:

1) Total of regression quadrate $\left(\mathrm{JK}_{\text {Reg [a] }}\right)$

$$
\begin{aligned}
& J K_{\mathrm{Re} g[a]}=\frac{\left(\sum Y\right)^{2}}{n}=\frac{(6179)^{2}}{81} \\
& J K_{\mathrm{Re} g[a]}=\frac{38180041}{81}=471358,53
\end{aligned}
$$

2) Total of regression quadrate $\left(\mathrm{JK}_{\text {Reg }[\mathrm{b} / \mathrm{a}]}\right)$

$$
\begin{aligned}
& J K_{\operatorname{Re} g[b / a]}=b \cdot\left\{\sum X Y-\frac{\left(\sum X\right) \cdot\left(\sum Y\right)}{n}\right\} \\
& J K_{\operatorname{Re} g[b / a]}=1,23 \cdot\left\{46295-\frac{(604) \cdot(6179)}{81}\right\} \\
& J K_{\operatorname{Re} g[b / a]}=1,23 \cdot\{46295-46075,5\} \\
& J K_{\operatorname{Re} g[b / a]}=(1,23) \cdot(219,5)=269,985
\end{aligned}
$$

3) Total of residue quadrate $\left(\mathrm{JK}_{\text {Res }}\right)$

$$
\begin{aligned}
& J K_{\mathrm{Re} s}=\sum Y^{2}-J K_{\mathrm{Re} g[b / a]}-J K_{R g[a]} \\
& J K_{\mathrm{Re} s}=473729-269,985-471358,53 \\
& J K_{\mathrm{Re} s}=2100,4
\end{aligned}
$$

4) The average of regression quadrate $\left(\mathrm{RJK}_{\mathrm{Reg}[\mathrm{a}]}\right)$

$$
R J K_{\operatorname{Re} g[a]}=J K_{\operatorname{Re} g[a]}=471358,53
$$

5) The average of regression quadrate $\left(\operatorname{RJK}_{\operatorname{Reg}[b / a]}\right)$

$$
R J K_{\operatorname{Re} g[b / a]}=J K_{\operatorname{Re} g[b / a]}=269,985
$$

6) The average of regression quadrate $\left(\mathrm{RJK}_{\text {Res }}\right)$

$$
\begin{aligned}
& R J K_{\mathrm{Re} s}=\frac{J K_{\mathrm{Re} s}}{n-2}=\frac{2100,4}{79} \\
& R J K_{\mathrm{Re} s}=26,57
\end{aligned}
$$

7) Examining the significant

After getting the computation above, the next step is examining the regression significant with the formula:

$$
\begin{aligned}
& F_{\mathrm{Re} g}=\frac{R J K_{\mathrm{Re} g[b / a]}}{R J K_{\mathrm{Re} s}}=\frac{269,985}{26,57} \\
& F_{\mathrm{Re} g}=10,17
\end{aligned}
$$

d. Examining the regression linearity

1) Total of Error Quadrate $\left(\mathrm{JK}_{\mathrm{E}}\right)$

Before computing the value of $\mathrm{JK}_{\mathrm{E}}$, the writer arrange the data ( X ) from the smallest to the highest score with its pair (Y), as described in the table above:

Table 4.4
Regression analysis table of
Total error quadrate

| No | Code | X | Y | Group | n |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | C53 | 4 | 65 | K1 | 1 |
| 2 | C41 | 5 | 69 | K2 | 5 |
| 3 | C52 | 5 | 69 |  |  |
| 4 | C67 | 5 | 73 |  |  |
| 5 | C73 | 5 | 73 |  |  |
| 6 | C30 | 5 | 79 |  |  |
| 7 | C62 | 6 | 66 | K3 | 19 |
| 8 | C43 | 6 | 69 |  |  |
| 9 | C74 | 6 | 69 |  |  |
| 10 | C39 | 6 | 71 |  |  |
| 11 | C33 | 6 | 71 |  |  |
| 12 | C68 | 6 | 73 |  |  |
| 13 | C80 | 6 | 73 |  |  |
| 14 | C4 | 6 | 74 |  |  |
| 15 | C2 | 6 | 74 |  |  |
| 16 | C35 | 6 | 74 |  |  |
| 17 | C49 | 6 | 74 |  |  |
| 18 | C10 | 6 | 77 |  |  |
| 19 | C38 | 6 | 77 |  |  |
| 20 | C15 | 6 | 79 |  |  |
| 21 | C22 | 6 | 80 |  |  |
| 22 | C24 | 6 | 80 |  |  |
| 23 | C32 | 6 | 80 |  |  |
| 24 | C19 | 6 | 85 |  |  |
| 25 | C28 | 6 | 85 |  |  |
| 26 | C25 | 7 | 68 | K4 | 15 |
| 27 | C1 | 7 | 71 |  |  |
| 28 | C75 | 7 | 73 |  |  |
| 29 | C76 | 7 | 76 |  |  |
| 30 | C7 | 7 | 76 |  |  |
| 31 | C20 | 7 | 76 |  |  |


| No | Code | X | Y | Group | n |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 32 | C17 | 7 | 77 |  |  |
| 33 | C81 | 7 | 77 |  |  |
| 34 | C61 | 7 | 78 |  |  |
| 35 | C63 | 7 | 78 |  |  |
| 36 | C9 | 7 | 79 |  |  |
| 37 | C37 | 7 | 80 |  |  |
| 38 | C50 | 7 | 80 |  |  |
| 39 | C72 | 7 | 83 |  |  |
| 40 | C13 | 7 | 85 |  |  |
| 41 | C11 | 8 | 67 | K5 | 22 |
| 42 | C29 | 8 | 68 |  |  |
| 43 | C36 | 8 | 68 |  |  |
| 44 | C3 | 8 | 70 |  |  |
| 45 | C16 | 8 | 71 |  |  |
| 46 | C23 | 8 | 71 |  |  |
| 47 | C78 | 8 | 71 |  |  |
| 48 | C40 | 8 | 73 |  |  |
| 49 | C59 | 8 | 73 |  |  |
| 50 | C14 | 8 | 75 |  |  |
| 51 | C55 | 8 | 76 |  |  |
| 52 | C26 | 8 | 77 |  |  |
| 53 | C51 | 8 | 77 |  |  |
| 54 | C42 | 8 | 79 |  |  |
| 55 | C54 | 8 | 79 |  |  |
| 56 | C48 | 8 | 79 |  |  |
| 57 | C21 | 8 | 80 |  |  |
| 58 | C57 | 8 | 80 |  |  |
| 59 | C77 | 8 | 80 |  |  |
| 60 | C71 | 8 | 83 |  |  |
| 61 | C6 | 8 | 85 |  |  |
| 62 | C69 | 8 | 85 |  |  |
| 63 | C34 | 9 | 67 | K6 | 12 |
| 64 | C31 | 9 | 68 |  |  |
| 65 | C8 | 9 | 73 |  |  |
| 66 | C18 | 9 | 74 |  |  |


| No | Code | X | Y | Group | n |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 67 | C66 | 9 | 74 |  |  |
| 68 | C12 | 9 | 79 |  |  |
| 69 | C27 | 9 | 80 |  |  |
| 70 | C47 | 9 | 80 |  |  |
| 71 | C64 | 9 | 81 |  |  |
| 72 | C70 | 9 | 82 |  |  |
| 73 | C56 | 9 | 83 |  |  |
| 74 | C60 | 9 | 83 |  |  |
| 75 | C5 | 10 | 73 |  |  |
| 76 | C58 | 10 | 79 |  |  |
| 77 | C65 | 10 | 85 | K7 | 5 |
| 78 | C44 | 10 | 86 |  |  |
| 79 | C46 | 10 | 86 |  |  |
| 80 | C45 | 11 | 81 |  |  |
| 81 | C79 | 11 | 82 | K8 | 2 |

After arranging the data above, the writer calculate it into the formula:

$$
\begin{aligned}
J K_{E} & =\sum_{k}\left\{\sum Y^{2}-\frac{\left(\sum Y\right)^{2}}{n}\right\} \\
J K_{E} & =\left(4225-\frac{4225}{1}\right)+\left(26421-\frac{131769}{5}\right)+\left(108271-\frac{2047761}{19}\right)+ \\
& =\left(89503-\frac{1338649}{15}\right)+\left(126939-\frac{2778889}{22}\right)+ \\
& =\left(71498-\frac{853776}{12}\right)+\left(33587-\frac{167281}{5}\right)+\left(13285-\frac{26569}{2}\right) \\
& =0+67,2+494,1+259,7+625,9+350+130,8+0,5
\end{aligned}
$$

$$
J K_{E}=1928,2
$$

2) Total of tuna agreement quadrate $\left(\mathrm{JK}_{\mathrm{TC}}\right)$

$$
\begin{aligned}
J K_{T C} & =J K_{\mathrm{Res}}-J K_{E} \\
& =2100,485-1928,2 \\
J K_{T C} & =172,285
\end{aligned}
$$

3) The average of error quadrate $\left(\mathrm{RJK}_{T C}\right)$

$$
\begin{aligned}
& R J K_{T C}=\frac{J K_{T C}}{k-2}=\frac{172,285}{6} \\
& R J K_{T C}=29,21
\end{aligned}
$$

4) The average of error quadrate $\left(\mathrm{RJK}_{\mathrm{E}}\right)$

$$
\begin{aligned}
& R J K_{E}=\frac{J K_{E}}{n-k}=\frac{1928,2}{73} \\
& R J K_{E}=26.41
\end{aligned}
$$

5) Examining regression linearity $\left(\mathrm{F}_{\text {reg }}\right)$

$$
F_{\text {reg }}=\frac{R J K_{T C}}{R J K_{E}}=\frac{29.21}{26.41}=1.116
$$

## 3. Final analysis

To know the result of the regression analysis computation above, it could be seen on the summary of regression analysis table as followed:

Table 4.5
The summary of Anava $X$ and $Y$ variable Significant and linearity hypothesis

| Variance <br> analysis | dk | JK | RJK | $\mathbf{F}_{\text {reg }}$ | $\mathbf{F}_{\text {table }}$ |
| :--- | :---: | :---: | :---: | :--- | :--- |
| Total | 81 | 6179 |  | Significant |  |
|  |  |  |  | Liniear |  |
| Regression | 1 | 471358.53 | 471358.53 | $\mathrm{~F}_{\text {reg }}$ and $\mathrm{F}_{\text {table }}$ |  |
| (a) | 1 | 269.985 | 269.985 | Significant and |  |
| Regression | 79 | 2100.485 | 26.59 | Linearity: <br> (b/a) |  |
|  |  | $10.17>3.98$ <br> (significant) |  |  |  |
| Residue |  |  |  | 172.285 | 29.21 |
| Tuna | 6 | $1.11<2.23$ |  |  |  |
| agreement | 73 | 1928.2 | 26.41 | (Liniear) |  |

After knowing the regression analysis, the next step was consulting the result with $\mathrm{F}_{\text {table }}$, on the significant level $5 \%$. From the hypothesis test above, it was known that $\mathrm{F}_{\text {reg }}=$ $10.17>\mathrm{F}_{\text {table }}=3.98$, it meant the hypothesis was accepted. So there was positive influence between students' achievement of phonology toward their pronunciation.

## C. Discussion

This research was done at the fourth semester of English Department of IAIN Walisongo. They have got Phonology subject at the third semester, so that the researcher choose them as the object of this research to know the influence of the students' achievement of English Phonology toward their Pronunciation.

There were two classes of fourth semester of English Department, TBI A and TBI B. The researcher has done the observation and gave try out test to TBI B. After giving tryout test, the researcher examined the test item validity, reliability, degree of difficulties and discriminating power. From the analysis, 12 questions were used for the Phonology test.

The next, the researcher gave the students Phonology and Pronunciation test, then analyzed the students' score of Phonology and Pronunciation. After knowing the students' score, the researcher examined it into regression analysis to know the influence of students' achievement of English Phonology toward their Pronunciation.

The students' main problem in learning language is the differences between students' language and target language and also the differences in phonetic features of similar sounds, vowel or consonant sound, etc. Studying phonology concerns with phonetics, phonology concerns with rules of speech sound, structure of language and etc. It's also related to the pronunciation. Pronunciation concerns with phonetics and

Phonetics concerns with phonology. By understanding English Phonology, the students will understand the phonetic features, vowel and consonant sounds and etc. The students also can understand the relation between Phonology and Pronunciation, so that they can pronounce the word correctly with the good stressing and intonation.

From the theories above, this research showed that the achievement of phonology influences the achievement of pronunciation. The computation of regression analysis before being proved that the influence between the students' achievement of English phonology and their pronunciation is significant with the significant of $5 \%$ and the result is 10.17 . Then, the hypothesis was accepted.

From the coefficient test above, it could be known that $\mathrm{r}_{\mathrm{xy}}$ $=10.17$, because $\mathrm{r}_{\mathrm{xy}}=0.338>\mathrm{r}_{\mathrm{t}}(5 \%)=0.220$ it means significant. From the result of regression analysis between students' achievement of phonology and their pronunciation, it was known that $\mathrm{F}_{\text {reg }}=10.17>\mathrm{F}_{\text {table }}(5 \%)=3.98$ it meant significant. So, there was influence between these two variables. Thus, higher achievement of student's English phonology, the higher students' achievement of pronunciation.

There was some reasons why the students' achievement of phonology influence their achievement of pronunciation.

1. Understanding phonology, then understand the rest of sound systems, phonetic transcription and etc. When the students
practice it in their pronunciation, it also will influence their pronunciation with the good pronunciation.
2. When producing certain speech sounds, the students will know and be aware of what they speak to others. By achieving phonology, at the same time they can identify and correct any mistakes in their pronunciation.
3. The knowledge about the theories of producing speech sounds should be accompanied with exercising in producing them in order that the goal of achieving phonology and good pronunciation will be achieved.

This research has found the influence between students' achievement of phonology toward their pronunciation. Eventhough, the students' achievement of phonology is still less. Studying speech sound and sound system is rather difficult for them, without any concern on it, the goal of achieving phonology and pronunciation can't be satisfactorily achieved.

