seemed to be wasting the time, so the researcher had to be more patient.

2. Because all participants are from different classes (class A and B), the researcher had to carefully select certain students either from modern or traditional pesantren.

3. Relative lack of experience and knowledge of the writer makes implementation of this research was less smooth. But the researcher tried as maximal as possible to do this study in line with the advisors’ advises.

The researcher hopes that this research will be useful in the future. Although during the process the researcher faced few inconvenience thing, but it can be finished successfully.

CHAPTER IV
FINDINGS AND DISCUSSION

A. Finding

To measure English ability in English achievement, the researcher used test that contained 20 questions to all participants; 20 students (10 students from modern pesantren, and 10 students from traditional pesantren) of Arabic program of IAIN Walisongo Semarang.

After getting the sample, the researcher gathered the students in the room. They were asked to answer all the item questions of test with unlimited time. Most of them finished test in 30 minutes.

The question is 20 items. The question is determined in multiple choice with 4 alternative answers, they are a, b, c and d. For analysis requirement, each correct answer had certain score; 5 and the wrong one is 0. When all the questions are answered correctly so the score is 100. And if all the questions are answered incorrectly so the score is 0.

Based on the test result, either the students from modern pesantren or students from traditional pesantren, their scores can be shown as follow:
Table 1
The students’ score of Modern Pesantren

<table>
<thead>
<tr>
<th>No</th>
<th>Name</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Furaida Ayu M.</td>
<td>90</td>
</tr>
<tr>
<td>2</td>
<td>Samirotul Azizah</td>
<td>80</td>
</tr>
<tr>
<td>3</td>
<td>Zoraya Rahmawati</td>
<td>80</td>
</tr>
<tr>
<td>4</td>
<td>Nurul Hasanah</td>
<td>75</td>
</tr>
<tr>
<td>5</td>
<td>Desiyanti Ayuningsih</td>
<td>65</td>
</tr>
<tr>
<td>6</td>
<td>Naila el Karimah</td>
<td>80</td>
</tr>
<tr>
<td>7</td>
<td>Okta Dwi Ratnasari</td>
<td>80</td>
</tr>
<tr>
<td>8</td>
<td>Nuruddin</td>
<td>85</td>
</tr>
<tr>
<td>9</td>
<td>M. Izzudin</td>
<td>75</td>
</tr>
<tr>
<td>10</td>
<td>Fajar Nur Rohman</td>
<td>80</td>
</tr>
<tr>
<td>Σ</td>
<td></td>
<td>790</td>
</tr>
</tbody>
</table>

Table 2
The students’ score of Traditional Pesantren

<table>
<thead>
<tr>
<th>No</th>
<th>Name</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ahmad Yasir</td>
<td>65</td>
</tr>
<tr>
<td>2</td>
<td>Abdul Mujib</td>
<td>65</td>
</tr>
<tr>
<td>3</td>
<td>M. Agus Salim</td>
<td>35</td>
</tr>
<tr>
<td>4</td>
<td>A.Najib</td>
<td>60</td>
</tr>
<tr>
<td>5</td>
<td>Fathul Rozaq</td>
<td>70</td>
</tr>
<tr>
<td>6</td>
<td>Wahid Sobirin</td>
<td>55</td>
</tr>
</tbody>
</table>

pesantren said that their educational background very help them in attending English 1 class. The rest of them said that their educational background just has a little influences in attending English 1 class.

b. Students from traditional pesantren

Students from traditional pesantren have different opinion with students from modern pesantren in the influences of their educational background. Students from traditional pesantren said that their educational background is not influenced enough in attending English 1 class. It caused their educational background (traditional pesantren) not concerned enough in language development especially in English. So, based on interview result, most of students from traditional pesantren said that they still have some difficulties in understanding English in English 1 class.

D. Limitation During the Research

Sacrifice is essential in this investigation. Although it did not only spend the time, but also budget, physical and psychological condition, the researcher realized that this research has not been perfect. Few obstacles has still been faced during the research by the researcher, they are:

1. The changed research schedule. In fact the researcher would conduct the investigation based on determined schedule. It
9. To get conclusion
   If $H_a$ is acceptable, null hypothesis is unacceptable. So, the conclusion is: the English ability of students from modern and traditional pesantren is not identical in English achievement. So, the English ability of students from modern pesantren is better than students from traditional pesantren.
   If $H_0$ is acceptable, alternative hypothesis is unacceptable. So, the conclusion is: the English ability of students from modern and traditional pesantren is identical in English achievement.

   Based on the calculation above, we can conclude that $t_{test} > t_{table}$, therefore $H_0$ is accepted.

C. Discussion

1. Language educational background

   Language educational background has great influences in language learning. Students of Arabic Program of IAIN Walisongo Semarang have opinion toward its influences. Here the brief analysis of interview result:
   a. Students from modern pesantren

      Based on the interview result, it showed that all of the students from modern pesantren said that their educational background has influences in attending English 1 class. But there are some differences in percentage of it. Most of students that from modern

<table>
<thead>
<tr>
<th>No</th>
<th>X</th>
<th>X²</th>
<th>Y</th>
<th>Y²</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>90</td>
<td>8100</td>
<td>65</td>
<td>4225</td>
</tr>
<tr>
<td>2</td>
<td>80</td>
<td>6400</td>
<td>65</td>
<td>4225</td>
</tr>
<tr>
<td>3</td>
<td>80</td>
<td>6400</td>
<td>35</td>
<td>1225</td>
</tr>
<tr>
<td>4</td>
<td>75</td>
<td>5625</td>
<td>60</td>
<td>3600</td>
</tr>
<tr>
<td>5</td>
<td>65</td>
<td>4225</td>
<td>70</td>
<td>4900</td>
</tr>
<tr>
<td>6</td>
<td>80</td>
<td>6400</td>
<td>55</td>
<td>3025</td>
</tr>
<tr>
<td>7</td>
<td>80</td>
<td>6400</td>
<td>60</td>
<td>3600</td>
</tr>
</tbody>
</table>

B. Hypothesis Test

   Based on the table I and II, the researcher used them to find out the difference scores between students from modern and traditional pesantren in English test. Computation of their mean and t test is follows:

   Table 3

The Students’ Score of Modern and Traditional Pesantren

<table>
<thead>
<tr>
<th>No</th>
<th>X</th>
<th>X²</th>
<th>Y</th>
<th>Y²</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>90</td>
<td>8100</td>
<td>65</td>
<td>4225</td>
</tr>
<tr>
<td>2</td>
<td>80</td>
<td>6400</td>
<td>65</td>
<td>4225</td>
</tr>
<tr>
<td>3</td>
<td>80</td>
<td>6400</td>
<td>35</td>
<td>1225</td>
</tr>
<tr>
<td>4</td>
<td>75</td>
<td>5625</td>
<td>60</td>
<td>3600</td>
</tr>
<tr>
<td>5</td>
<td>65</td>
<td>4225</td>
<td>70</td>
<td>4900</td>
</tr>
<tr>
<td>6</td>
<td>80</td>
<td>6400</td>
<td>55</td>
<td>3025</td>
</tr>
<tr>
<td>7</td>
<td>80</td>
<td>6400</td>
<td>60</td>
<td>3600</td>
</tr>
</tbody>
</table>
1. To determine mean of each variable

Based on the data above, we can determine mean of each variable as follow:

\[
M = \frac{\Sigma X}{n} \quad M = \frac{\Sigma Y}{n}
\]

\[
= \frac{790}{10} = \frac{610}{10}
\]

2. To determine deviation standard each variable

\[
SD^2 = \frac{\Sigma X^2 - M^2}{n} \quad SD^2 = \frac{\Sigma Y^2 - M^2}{n}
\]

\[
= \frac{62800 - 79^2}{10} = \frac{6100 - 61^2}{10}
\]

\[
= 39 \quad = 104
\]

3. To determine deviation standard mean for each variable

\[
SD^2 M_x = \frac{SD^2 x}{n-1}
\]

\[
= \frac{7225}{9} = 802.8
\]

\[
SD^2 M_y = \frac{SD^2 y}{n-1}
\]

\[
= \frac{5625}{9} = 625
\]

\[
= 4,333
\]

\[
= 11,556
\]

4. To determine deviation standard both mean variable

\[
SD_{bxy} = \sqrt{SD^2 M_x + SD^2 M_y}
\]

\[
= \sqrt{4,333 + 11,556}
\]

\[
= \sqrt{15,889}
\]

\[
= 3,986
\]

5. To determine \( t_{test} \)

\[
t = \frac{M_x - M_y}{SD_{bxy}}
\]

\[
= \frac{79 - 61}{3,986}
\]

\[
= 4.515
\]

6. To measure degree of freedom by \( dk = n_1 + n_2 - 2 \)

Both \( n_1 \) and \( n_2 \) are 10 (taken from the sample)

\[
dk = n_1 + n_2 - 2
\]

\[
= 10 + 10 - 2
\]

\[
= 18
\]

7. To check the criteria \( t_{table} \) with significant degree 5% 

The \( t_{table} \) with 18 degree of freedom in 5% significant degree is 2.10