CHAPTER IV
FINDING AND DISCUSSION

In this chapter the writer analyzed the gathered data based on the procedure. The result of analysis is used to describe the problem. The data were collected by the writer about difference between English achievement of ELT department students enrolled through SPMB and PSSB one.

A. Finding

From the documentation, the researcher gave the data of the students' achievements of PSSB and SPMB as follow:

No	Reading		Listening		Writing		Speaking	
	PSSB	SPMB	PSSB	SPMB	PSSB	SPMB	PSSB	SPMB
1	4	4	3,7	3,6	4	4	4	3,5
2	2,9	4	3	3	3,2	0	3,4	0
3	3,5	2	3,4	3	3,5	3,3	3,5	3,4
4	2	2	3,4	3,5	2,1	3,6	3,5	3,5
5	2,8	2	3,6	3,5	3,2	3,4	4	3,5
6	2,4	4	3,4	3,4	3,4	4	3,6	4
7	2	2,3	3,5	3,6	1	3,1	2,6	3,4
8	4	4	3,4	3,9	4	3,1	3,9	3,9
9	2	4	3,5	3,5	3,1	3,5	3,6	3,7
10	2,9	2	3	3,7	2,8	1,7	3,4	3,8
11	3	2,7	3,4	3,8	1,8	3,7	3,4	3,5
12	0	3,6	3,6	3,5	2,1	2,5	3,7	3,6

No	Reading		Listening		Writing		Speaking	
	PSSB	SPMB	PSSB	SPMB	PSSB	SPMB	PSSB	SPMB
13	2,3	4	3,4	3,7	2,2	4	2,9	4
14	2,8	2,3	3,6	3,7	3,5	3,5	3,5	3,6
15	3,6	4	3,6	3,5	3,5	3,2	3,4	3,8
16		3,8		3,5		2,8		3,5
17		4		3,6		3,5		3,4
18		1		3,6		1,5		3,4
19		3,4		3,4		4		4
20		3		3,5		2,9		3,9
21		3,9		3,6		3,7		3,5
22		3,7		3,5		2,9		3,4
23		2		3,6		3,3		3,5
24		4		3,8		3,9		3,6
25		4		4		4		3,9
26		3,9		3,7		3,7		3,6
27		1		3,4		1,8		3,2
28		4		3,4		3,5		3,9
29		2		3,5		1,6		3,5
30		4		3,7		3,3		3,4
31		2,5		3,4		1,1		3,4
32		2,4		3,5		2,6		3
33		3		3,7		4		3,7
34		3,7		4		3,7		3,5

No	Reading		Listening		Writing		Speaking	
	PSSB	SPMB	PSSB	SPMB	PSSB	SPMB	PSSB	SPMB
35		2,1		3,5		2,7		3,7
36		4		3,5		3,8		4
37		3,1		3,8		2,9		3,4
38		2		3,8		1,4		2,9
39		4		3,7		3,3		3,7
40		4		3,7		2,8		3,6
41		3,1		3,7		3,6		3,4
42		4		4		2,8		3,5
43		4		3,6		3		3,4
44		2,7		3,4		3,2		3,8
45		2,8		3,9		3,2		3,2
46		3,7		3,8		3,7		3,7
47		4		3,5		3,9		4
48		1		3,4		2,5		3,4
49		2		3,6		3,2		3,4
50		4		3,5		3,6		3,5
51		2		3,4		1,3		3,3
52		3,7		3,5		3,2		3,6
53		4		3,6		4		4
54		2		3,4		2,7		3,5
55		4		3,9		4		4
56		4		3,6		4		3,7

No	Reading		Listening		Writing		Speaking	
	PSSB	SPMB	PSSB	SPMB	PSSB	SPMB	PSSB	SPMB
57		3,9		3,5		2,6		3,7
58		3,3		3,7		2,2		3,7
59		2		3,5		3,1		3,6

Table 4.1:

The result of achievements of students enrolled

through SPMB and PSSB.

Those data, then, were analyzed using independent sample t test of SPSS to the difference between English achievement of ELT department students enrolled through SPMB and PSSB one. And the result of the analysis as follow:

1. **Reading Achievement Comparisons between PSSB and SPMB**

Group Statistics

Background		N	Mean	Std. Deviation	Std. Error Mean
Reading Achievement	PSSB	15	2.680	1.0009	.2584
	SPMB	59	3.146	.9471	.1233

Independent Samples Test

		Levine'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
Reading Achievement	Equal variances assumed	.782	.380	-1.682	72	.097	-.4658	.2770	-1.0179	.0863
	Equal variances not assumed			-1.627	20.839	.119	-.4658	.2863	-1.0615	.1300

In the third column sig = 0.380 = 38%> 5% then H0 is accepted. This means that the two groups have the same variance (homogeneous). By accepting H0 variants of the same or to two homogeneous groups, the information is used to perform further tests are comparisons t. In the last two lines of output Independents Test Samples seen writing and Equal variances assumed Equal variances not assumed. At t = 0.097 sig = 9.7%> 5% then H1 is accepted and H0 is rejected. So the average learning achievement PSSB class is no different than learning achievement of SPMB background.

By accepting H0, the mean of the two classes is no different; therefore, further testing needs to be done. We take a look at the output turns averaging Group Statistics for 2.680 PSSB class smaller than the average of SPMB background

3.146. This suggests that the reading achievement of SPMB is better reading achievement of PSSB.

2. **Listening Achievement Comparisons between PSSB and SPMB**

Group Statistics

Background		N	Mean	Std. Deviation	Std. Error Mean
Listening Achievement	PSSB	15	3.433	.2024	.0523
	SPMB	59	3.590	.1989	.0259

Independent Samples Test

		Levine'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
listening Achievement	Equal variances assumed	.038	.845	-2.712	72	.008	-.1565	.0577	-.2715	-.0415
	Equal variances not assumed			-2.684	21.407	.014	-.1565	.0583	-.2776	-.0354

In the third column sig = 0.845 = 84.5% > 5% then H0 is accepted. This means that the two groups have the same variance (homogeneous). By accepting H0 variants of the same or to two homogeneous groups, the information is used

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to perform further tests are comparisons t. In the last two lines of output Independents Test Samples seen writing and Equal variances assumed Equal variances not assumed. At t sig = 0.008 = 0.8% <5% then H0 is rejected and H1 is accepted. So the average learning achievement of PSSB classes are different with classroom learning achievement SPMB.

By accepting H1 the mean of the two classes is different; therefore, further testing needs to be done. Take a look at the output turns averaging Group Statistics for 3.433 PSSB class smaller than the average class SPMB 3.590. This suggests that listening achievement of SPMB is better than listening achievement of PSSB.

3. **Writing Achievement Comparisons between PSSB and SPMB**

Group Statistics

Background		N	Mean	Std. Deviation	Std. Error Mean
Writing Achievement	PSSB	15	2.893	.8689	.2243
	SPM B	59	3.069	.8655	.1127

Independent Samples Test

		Levine's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	T	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Writing Achieve ment	Equal variances assumed	.160	.691	-.703	72	.484	-.1762	.2505	-.6754	.3231
	Equal variances not assumed			-.702	21.622	.490	-.1762	.2510	-.6973	.3450

In the third column sig = 0.691 = 69.1% > 5% then H0 is accepted. This means that the two groups have the same variance (homogeneous). By accepting H0 variants of the same or to two homogeneous groups, the information is used to perform further tests are comparisons t. In the last two lines of output Independents Test Samples seen writing and Equal variances assumed Equal variances not assumed. At t sig = 0.484 = 48.4% > 5% then H0 is accepted and H1 is rejected. So the average learning achievement PSSB class is no different than learning achievement SPMB class.

By accepting H0, the mean of the two classes is no different; therefore, further testing needs to be done. We take a look at the output turns averaging Group Statistics for 2.893 PSSB class smaller than the average class SPMB 3.069. This suggests that classroom writing achievement of SPMB better than writing achievement of PSSB.

4. Speaking Achievement Comparisons between PSSB and SPMB

Group Statistics

Background		N	Mean	Std. Deviation	Std. Error Mean
Writing Achievement	PSSB	15	3.493	.3712	.0959
	SPMB	59	3.529	.5285	.0688

Independent Samples Test

		Levine's Test for Equality of Variances		t-test for Equality of Means							
										95% Confidence Interval of the Difference	
		F	Sig.	T	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference		Lower	Upper
Speaking Achievement	Equal variances assumed	.002	.968	-.245	72	.808	-.0355	.1451		-.3247	.2538
	Equal variances not assumed			-.301	30.210	.766	-.0355	.1180		-.2764	.2054

In the third column sig = 0.968 = 96.8% > 5% then H0 is accepted. This means that the two groups have the same variance (homogeneous). By accepting H0 variants of the same or to two homogeneous groups, the information is used to perform further tests are comparisons t. In the last two lines of output Independents Test Samples seen writing and Equal variances assumed Equal variances not assumed. At t sig =

0.808 = 80.8%> 5% then H0 is accepted and H1 is rejected. So the average learning achievement PSSB class is no different than learning achievement SPMB class.

By accepting H0, the mean of the two classes is no different; therefore, further testing needs to be done. Take a look at the output turns averaging Group Statistics for PSSB background 3.493 is smaller than the average of SPMB background 3.529. This suggests that classroom speaking achievement SPMB better than classroom learning achievement PSSB.

B. Discussion

In this study, difference between English achievements of ELT department students enrolled through SPMB and PSSB one were analyzed, described and elaborated. The difference between English achievements of ELT department students enrolled through SPMB and PSSB one were identified and analyzed and the purpose of using audiovisual aids in teaching learning process tried to be found out.

From the identification, it was hoped that it can be a reference both for teacher and students in teaching and learning English language. In teaching English we need much knowledge to give more understanding in getting a good language. The study is dedicated to who interest in English and to the language course, especially at English Department in Tarbiyah Faculty IAIN Walisongo Semarang.