CHAPTER V
CONCLUSION AND SUGGESTION

5.1 Conclusion

Based on the result of research that obtained from the result of data analysis, it could be stated some conclusion as follow:

1. The students' achievement that be taught by guided inquiry with macromedia flash is significant higher than students' achievement that be taught by direct instruction with macromedia flash in the teaching of solubility and solubility product. It can be seen from t-test value shows that $t_{count} > t_{table}$ (10.15 > 1.69).
2. The cognitive aspects that most improve through experiment class are C2 (comprehension). It could be seen from the average gain score of C2 are 0.82 that included highest value of average gain of cognitive aspect.

5.2 Suggestion

Based on the conclusion above, there are some suggestions that have to be stated in order to make the teaching and learning process in chemistry become more effective to improve students' achievement as follows:

1. It is suggested that the chemistry teacher should use the appropriate model and media in learning process such as guided inquiry with macromedia flash in the teaching and learning process of solubility and solubility product notably and chemistry generally to improve students' achievement. Attentively, guided inquiry would better if it is used in small class (at most comprising 25 students for each class) to make learning process effectively.
2. It is suggested to next researcher could add information for future research to make innovative, effective and interesting model in teaching and learning process.
3. It is suggested to school holder for developing and providing the good model and media as guided inquiry with macromedia flash to be used in teaching

and learning process especially for chemistry subject because it is effective to improve students' achievement.