CHAPTER V
CONCLUSION AND SUGGESTION

5.1. Conclusion

Based on the research results obtained from the results of data analysis and hypothesis testing, it can be concluded as follows:

1. The results of students' physics learning using a problem-based learning model assisted by flipbook media on geometric optics material have increased. With an average pretest score of 37.14 and an average posttest score of 81.
2. The results of students' physics learning using a conventional learning model on geometric optics material have increased less than using a problem-based learning model assisted by flipbook media. With an average pretest score of 37.5 and an average posttest score of 76.11.
3. Based on the results of the t-test obtained using IBM SPSS 26.00, the t-test value obtained a significance value of 0.001 < 0.05, which indicates that there is an influence of the problem-based learning model assisted by flipbook media on geometric optics material on students' physics learning outcomes.

5.2. Suggestion

Based on the research that has been conducted, the author proposes several suggestions as follows:

1. Students can be required to be more active during the learning process in order to increase the significance of improving learning outcomes and teachers must also be more creative in implementing learning media so that students pay attention to what the teacher says.
2. Learning using flipbook media can be used and tested on other sub-materials, So the media can be used throughout the term.
3. The media should be designed as well as possible with the addition of adequate image and video visualization elements along with interactive practice questions and quizzes.