CHAPTER VI

Conclusion and Further Research

6.1 Conclusion

Based on the results of the research that has been performed, the obtained conclusions as follows:

a)   Welch-Powell Algorithm capable of determining the chromatic number that indicates the number of the semester final exam schedule must be implemented without going on simultaneously on schedule two or more courses that are followed by a student.

b)   Welch-Powell Algorithm is able to display information for the names of courses that can have the semester final exam schedule together.

c)   PHP Object has the ability to implement algorithms Welch-Powell in the manufacture of the test schedule

6.2 Further Research

This Program, although it can be automated but still make the data limitations in being flexible and limitations in making graf that much so should be further developed.

In a further development, the program will be able to become a flexible data so that the data entered can be free and graf so more directly and more broadly in the arranged schedule exam