CHAPTER VI

CONCLUSION

6.1 Conclusion

Based on results discussion of the introductory chapter to the implementation chapter, some conclusions that can be explain as follows:

1. Using Multi Thread are ~35% faster.
2. The number of population are good to achieve best fitness when the population set to 50
3. The number of generation does not affect to much in fitness.
4. The number of time will be increase by the number of population.
5. Thus can be correlated, greater number of population are more time and more accurate to achieve the best fitness.

6.2 Further Research

From research that has been done, it can be concluded more population/ sample, we will get more best fitness. But the main problem of genetic algorithm is time. If we run more than 70 population and 2 generation average time is 61 second and achieve fitness 182 pixel.