

CHAPTER 6

CONCLUSION

Main objective of this project is to visualize *counting* and *radix* sort algorithms can process unsorted data in different sorting cases. Final conclusion is application can achieving main objective above. Scope of this project also could be solved, this application can processing unsorted data (which were obtained by user input) with using both of sorting algorithms and transforming it into animational object.

For future research, application in this project could be developed as more interactive animation with efficient source code. To solve space limitation, creating function to make auto-resizable *canvas* object size is a good choice, which size of canvas object will be generated automatically based from length and amount of initial data. In addition, panel to controlling speed, pause, resume, stop, start, etc also needed to make this application to be better.

