CHAPTER 6
CONCLUSION

6.1 Conclusion

This program can be visualize Merge Sort and Quick Sort using HTML5 Canvas and Javascript. HTML5 Canvas is place for visualize the linked list while Javascript can be used for making the function for sorting algorithm and supporting Canvas for drawing the objects. With this visualization program , user becomes easier to learn Merge Sort and Quick Sort algorithm.

6.2 Future Research

Although the program is running well, this visualization has a problem with the limited canvas size. Hence from that for future research this program should can handle more data than 10 with the limited canvas size. Making the objects inside the canvas scrollable is can be a solution, so if the data more than 10, the linked list still can be shown completely.

Other issues in this program is the program does not have animation when sorting is started, this program is expected in the future have an animation for ease of learning. Animation can be made by adding some object animate function, so when the sorting is start, the nodes moving into the sorted form.