This project is based on six types of data structure algorithms-

1. Insertion Sort
2. Selection Sort
3. Quick Sort
4. Heap Sort
5. Radix Sort
6. Merge Sort

And, there will 4 data types-

1. In Order
2. Reverse Order
3. Almost Order
4. Random Order

Our work will include understanding all the algorithms and implement every one of them with the above mentioned four types of data. Then we have to determine the best and worst data structure algorithm for each type of data based on the run-time, movements etc. We also have to create a report that will discuss all the 24 experiment’s result and how we came up with the best sorting method for each of the data types.