Selection Sort:

1. Practice: \{4 \ 8 \ 2 \ 5 \ 3 \ 1 \ 7 \ 6\}

2. Time complexity analysis: what is the runtime in Big O notation, for a list of size $n$?

3. Pseudocode for array input:

   ```java
   public void selectionSort(int[] array) {
   }
   ```

4. Pseudocode for list input:

   ```java
   public void selectionSort(LinkedList<E> list) {
   }
   ```
Merge Sort

1. Practice: \{4 8 2 5 3 1 7 6\}

2. Pseudocode for merge sort:

   ```java
   public ___________ mergeSort(___________) {

   }

   }```

3. Time complexity analysis: what is the runtime in Big O notation, for a list of size \(n\)?