Homework 3

1 Question 1

When all keys are equal, what is the running time of

1. Bubble Sort
2. Selection Sort
3. Insertion Sort
4. MergeSort
5. QuickSort

2 Question 2

When the input has been sorted, what is the running time of

1. Bubble Sort
2. Selection Sort
3. Insertion Sort
4. MergeSort
5. QuickSort

3 Question 3

When the input has been sorted in reverse order, what is the running time of

1. Bubble Sort
2. Selection Sort
3. Insertion Sort
4. MergeSort
5. QuickSort