FINAL REQUIREMENT AND FINAL LAB EXAM (TO BE PASS ON FINALS EXAMINATION WEEK)
NOVEMBER 11, 2024 - NOVEMBER 16, 2024

NOTE: I WILL BE CHECKING THIS DAILY FOR YOUR ATTENDANCE

LANGUAGE : JAVA

1. CREATE A BUBBLE SORT (EXPLAIN HOW THE SWAPPING WORKS)

(25 POINTS)

2. CREATE A INSERTION SORT (EXPLAIN HOW THE SWAPPING WORKS)

(25 POINTS)

3. CREATE A QUICK SORT (EXPLAIN HOW THE SWAPPING WORKS)

(25 POINTS)

4. CREATE A MERGE SORT (EXPLAIN HOW THE SWAPPING WORKS)

(25 POINTS)

5. FOR A BONUS POINT, CREATE HEAP SORT (EXPLAIN HOW THE SWAPPING WORKS)

(BONUS 25 POINTS)

REFS:

https://www.geeksforgeeks.org/bubble-sort-algorithm/ - BUBBLE SORT

https://www.geeksforgeeks.org/insertion-sort-algorithm/ - INSERTION SORT

https://www.geeksforgeeks.org/quick-sort-algorithm/ - QUICK SORT

https://www.geeksforgeeks.org/merge-sort/ - MERGE SORT

FOR HEAP SORT FIND YOUR OWN REFERENCE