**CSCI 301 Moustafa Elsayed**

**Computer Science 2**

**Summary**

The program uses the inputs of the user to randomly generate an array of integers then sort this array using four sorting methods, mergeSorting, insertionSort,heapSort,quickSort. Then the program counts the number of notations of each method of sorting then prints the total number of notations, and prints the sorted arrays if the user wants to.