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**EL2003 - Computer Organization and Assembly Language - Lab**

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| **Lab Instructor: Abdul Qadeer Bilal**  **Section: BCS 3A, 3B, 3C**  **Semester: Fall 2022**  **Lab: 05** |

**Roll Number:\_\_\_\_\_\_\_\_\_\_\_ Section:\_\_\_\_\_\_\_\_\_\_ Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Note: Program all Questions on AFD and Put code + Screenshot in the Word File till end of Lab.**

1. You have to bubble sort ten numbers in descending order.
2. You have to Perform a bubble sort of ten numbers in descending order when the array of 10 numbers also has some signed elements.
3. Repeat question 2 and do an ascending bubble sort of 10 numbers when there are a few signed numbers in the array.
4. Create an array for 10, 20, -4, 6, 70, -23, -44, 66, 77, 12, -9 and count how many numbers are negative and positive in it.
5. Create an Array 10, 12, 13, 15, 17, 18, 19, 22, 21, 22, 14 and search any specific number out of it. Lets suppose 10 for example

**Best of Luck**