Save the following programs in the Folder named BCA2SR (where S stands for your Section A, B, or C and R stands for your two-digit Roll Number) in D or E Drive:

1. **Write a C program to implement or perform Selection Sorting of n number (values) entered by the user. (PROG1.C)**
2. **Write a C program to implement or perform Bubble Sorting of n number (values) entered by the user. (PROG2.C)**
3. **Write a C program to implement or perform Insertion Sorting of n number (values) entered by the user. (PROG3.C)**
4. **Write a C program to implement or perform Linear (Sequential) Searching in Unsorted List of n**

number (values) entered by the user. (PROG4.C)

5.   Write a C program to implement or perform Linear (Sequential) Searching in Sorted List of n number (values) entered by the user. (PROG5.C)

6.   Write a C program to implement or perform Binary Searching of n number (values) entered by the user. (PROG6.C)

7.   Write a menu-driven C program to implement or perform basic operations on Stack of n elements or items (data items). (PROG7.C)

8.   Write a menu-driven C program to implement or perform basic operations on Queue of n elements or items (data items). (PROG8.C)

9. **Write a menu-driven C program to implement or perform basic operations on Circular Queue of n elements or items (data items). (PROG9.C)**

I will start taking your viva from Monday, 28 March. I will let you know later schedule of viva. I will check your programs only in LAB's Computer. You will have to be ready with your Assignment File and Classwork Book on the day of your viva.