# SCS 1209 - Object Oriented Programming
## Tutorial 02

1.  Write a C++ program to prompt the user to input 5 integer values and print these values in forward and reversed order.

2.  Write a program to prompt the user to input the integral value of 'a' and print out the result as shown below.

    Result:

        The value of a is: 20
        ........................
        The value of ++a is: 21
        Now the value of a is: 21
        ........................
        The value of a++ is: 21
        Now the value of a is: 22
        ........................
        The value of --a is:21
        Now the value of a is:21
        ........................
        The value of a-- is: 21
        Now the value of a is: 20

3.  Write a C++ program that prompts the user to input three integer values and find the greatest value of the three values.

4.  Write a program that will print the following pattern.

        1******
        12*****
        123****
        1234***
        12345**
        123456*
        1234567

5.  Write a C++ program to sort 10 integer values (reading from keyboard) in ascending and descending order.

6. Write the output for C++ program to formulate a solution to print the square of numbers from 30 to 10?

7. Define a function to reverse the values in the given array

   Input - Array[7]={4,2,7,5,8,1,6}
   Output - Array[7]={6,1,8,5,7,2,4}