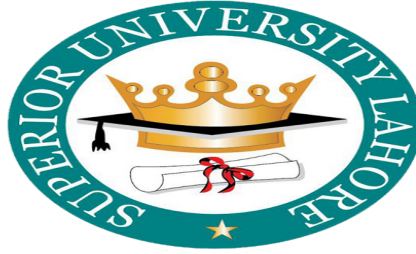


# SUPERIOR UNIVERSITY LAHORE



**Faculty of Computer Science & IT**

## **Lab Manual**

**Computer Science for Session 2019 (Semester Fall-2019)**

**Programing Fundamentals**

*(Lab 4)*

**Target:** While Loop

(Lab 4)

### **Problem Set 1**

- Write a C++ program to print all-natural numbers from 1 to n.
- Write a C++ program to print all-natural numbers in reverse (from n to 1)
- Write a C ++ program to print all alphabets from a to z.
- Write a C++ program to print all even numbers between 1 to 100.
- Write a C++ program to print all odd number between 1 to 100.
- Write a C++ program to find sum of all-natural numbers between 1 to n.
- Write a C++ program to find sum of all even numbers between 1 to n.

### **Problem Set 2**

- Write a C+ program to find sum of all odd numbers between 1 to n.
- Write a C++ program to print multiplication table of any number.
- Write a C++ program to count number of digits in a number.
- Write a C++ program to find first and last digit of a number.
- Write a C++ program to find sum of first and last digit of a number.
- Write a C++ program to swap first and last digits of a number.