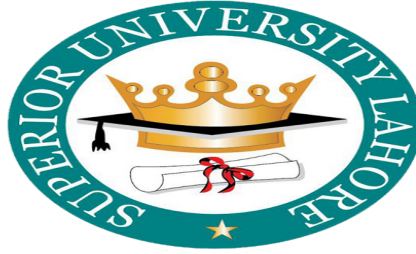# SUPERIOR UNIVERSITY LAHORE

Faculty of Computer Science & IT

Assignment 3

Computer Science for Session 2019 (Semester Fall-2019)

Programing Fundamentals

Target: Arrays Introduction

Problem Set 1

- Write a program that stores 10 numbers in an array and find the max no among those ten.
- Read the entries of an array of 10 integers from a user. Compute x as the average of the 10 entries and then compute the average of those entries that are greater than or equal to x. Print this final average.
- Write a C++ program to find second largest element in an array.

Problem Set 2

- Write a C++ program to merge two arrays to third array using user defined function.
- Write a program that asks the user to enter an integer. Convert the integer to individual digits and store them to an array i.e. one digit on one index position and prints that. And then checks whether that number is a palindrome or not. Palindrome is a number that is read same from L to R and R to L. For e.g. 2345432 is palindrome so is 123321 where as 1234567 is not .
- Write a C+ program to search an element in an array using user defined function.
- Write a C+ program to sort array elements in ascending or descending order.