



**National University**

**of Computer & Emerging Sciences Peshawar Campus**

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Roll No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Examination: quiz 3

Total Marks: 10

Date: November 19th, 2021

Instructor: Ms Safia Fatima ­­­

Program: ­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (BCS-3 A)

Semester: Fall-2021

Time Allowed: 15 mins

Course:EE2003 Computer Organization & Assembly Language

**NOTE:** Attempt all questions.

**NO ANSWER SHEET REQUIRED**

Question No. 1

Write a subroutine that takes four parameters that’s is array1, array2, resultant\_array and length of the array. Your task is to add the array1[i]+arraya2[i], if the resultant value is greater than 10 than store the value at the location resultant\_array[i] else store 0 at the location resultant\_array[i]

Assume the following data :

array1: db 5, 4, 3, 2, 0 ,0

array2 : db 5, 2, 3, 4, 2 ,1

resultant\_array: db 0, 0, 0, 0, 0 ,0