



**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 three parameters that’s is array1, array2 and length of the array. Your task is to compare each value of 2 arrays that is array1[i] with array2[i]. If the array 1 value is greater increment 1 in greater variable, if the array 1 value is less increment 1 in less variable and if the array1[i] = array2[i], then increment 1 in the equalto variable

Note: greater, less and equalto are local variable

Assume the following data in

array1 5, 4, 3, 2, 0 ,0

array2 5, 2, 3, 4, 2 ,1