


National University of Computer and Emerging Sciences, Lahore Campus

	Course Name:	Programming Fundamentals	Course Code:	CS1002
	Program:	Electrical Engineering	Semester:	Fall 2023
	Duration:	15 minutes	Total Marks:	10
	Exam Date:	24 October 2023	Weight:	3.33
	Section:	EE-1C -1	Page(s):	2
	Exam Type:	Quiz-2 Solution	CLO #	2

Student Name: _____ Roll No. _____ Section: _____

Instruction/Notes: 1. Do not forget to write your Name and Roll Numbers.
2. Solve on the paper and Return.

Question No. 1

Marks: 10

Write a C++ program that counts the number of digits present in a positive number entered by the user. You must use a 'loop' for this problem.

Sample Run:

Enter the Number: 1324

Number of Digits: 4

Solution:

```
#include<iostream>
using namespace std;

int main()
{
    int num, digits=0;
    cout<<"Enter the Number: ";
    cin>>num;
    while(num>0)
    {
        digits++;
        num = num/10;
    }
    cout<<"Number of Digits:"<<digits<<endl;

    return 0;
}
```