Quiz No. 1

Class:
Section:

PMAS - Arid Agriculture University Rawalpindi
University Institute of Information Technology

Name: _____

Roll No: _____

Visual Programming

Maximum Marks: 10

Exercise 1: Write a C# program to detect key presses.

If the user pressed number keys (from 0 to 9), the program will display the number that is pressed, otherwise the program will show "Not allowed".

Exercise 2: Write a C# program that allows the user to choose the correct answer of a question. See the example below: What is the correct way to declare a variable to store an integer value in C#?

 a. int 1x=10;
 b. int x=10;
 c. float x=10.0f;
 d. string x="10";
Choose the answer letter: c

Exercise 3: Input an array of 50 elements and sort it in descending order.

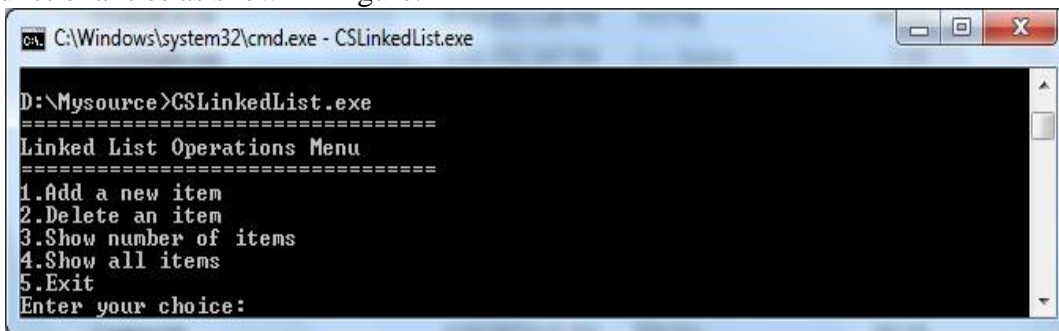**PMAS - Arid Agriculture University Rawalpindi**
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Exercise 1: Write C# code to print the following pattern:

```
1******
12*****
123****
1234***
12345**
123456*
1234567
```

Exercise 2: By using C# objected-oriented concept, create a list using GENERICS. Provide all functionalities as shown in figure.

Exercise 3: By using the sequential search algorithm, write C# code to search for an element of an integer array of 10 elements.