**Assignment 2**

1. **Write a program that allows the user to enter a number then print it.**

1. **Write C# program that converts a string to an integer, but the string contains non-numeric characters. And mention what will happen**

1. **Write C# program that Perform a simple arithmetic operation with floating-point numbers And mention what will happen**

1. **Write C# program that Extract a substring from a given string.**

1. **Write C# program that Assigning one value type variable to another and modifying the value of one variable and mention what will happen**

1. **Write C# program that Assigning one reference type variable to another and modifying the object through one variable and mention what will happen**
2. **Write C# program that take two string variables and print them as one variable**
3. **Which of the following statements is correct about the C#.NET code snippet given below?**

int d;

d = Convert.ToInt32( !(30 < 20) );

1. A value 0 will be assigned to d.
2. A value 1 will be assigned to d.
3. A value -1 will be assigned to d.
4. The code reports an error.
5. The code snippet will work correctly if ! is replaced by Not.

1. **Which of the following is the correct output for the C# code given below?**

Console.WriteLine(13 / 2 + " " + 13 % 2);

1. 6.5 1
2. 6.5 0
3. 6 0
4. 6 1
5. 6.5 6.5

**10-What will be the output of the C# code given below?**

int num = 1, z = 5;

if (!(num <= 0))

Console.WriteLine( ++num + z++ + " " + ++z );

else

Console.WriteLine( --num + z-- + " " + --z );

1. 5 6
2. 6 5
3. 6 6
4. 7 7