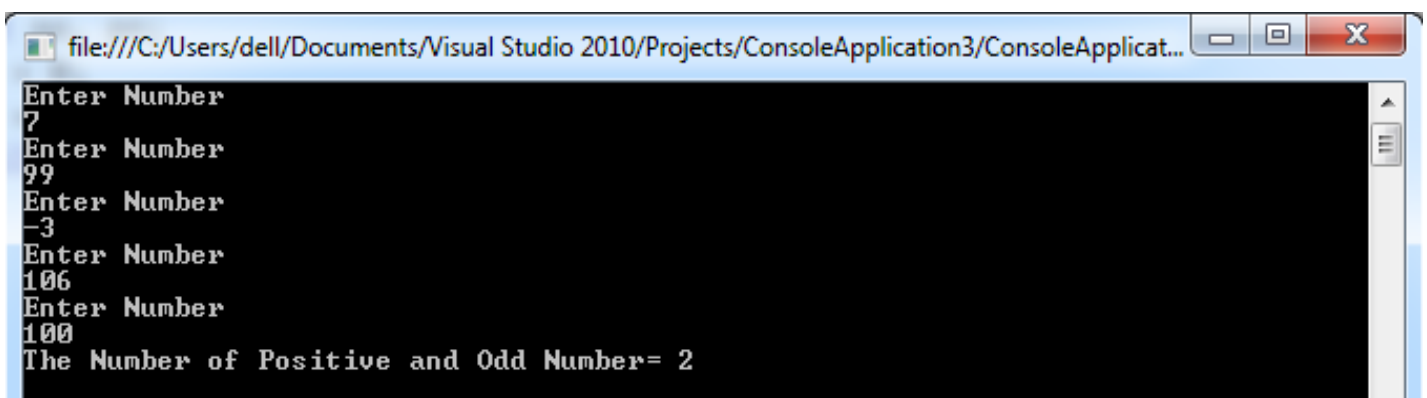# Course 2\Second lab

Ex1: Writ a C# program to calculate the count of positive and odd numbers from five numbers.

```
namespace ConsoleApplication3
{
    class Program
    {
        static void Main(string[] args)
        {
            double x;
            int no, count;
            no = 0;
            count = 0;
            while (no < 5)
            {
                Console.WriteLine("Enter Number");
                x = Double.Parse(Console.ReadLine());
                if (x > 0 & x % 2 == 1)
                    count = count + 1;
                no = no + 1;
            }
            Console.WriteLine("The Number of Positive and Odd Number= "
                            + count);
            Console.ReadLine();


        }
    }
}
```
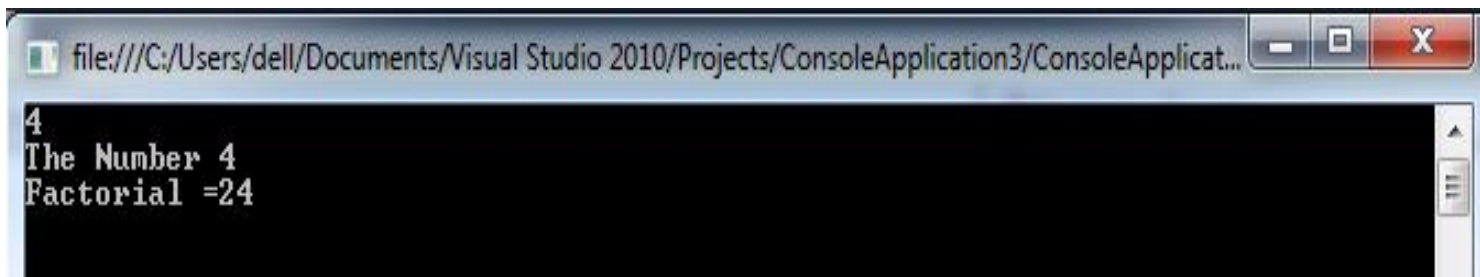
The Output:


```
Enter Number
7
Enter Number
99
Enter Number
-3
Enter Number
106
Enter Number
100
The Number of Positive and Odd Number= 2
```

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Ex2: **Write a C# program to find N! using while statement.**

```csharp
namespace ConsoleApplication3
{
    class Program
    {
        static void Main(string[] args)
        {
            int n, f, i;
            i = 1;
            f = 1;
            n = Int32.Parse(Console.ReadLine());
            if (n == 0)
                f = 1;
            else while (i <= n)
                {
                    f = f * i;
                    i = i + 1;
                }
            Console.WriteLine("The Number {0}\nFactorial ={1}", n, f);
            Console.ReadLine();


        }
    }
}
```

The Output:


```
4
The Number 4
Factorial =24
```

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Homework:

Q1/ write a C# to count number of even and negative numbers from six numbers.

Q2/ Write a C# program to find the sum of numbers from 1 to 10.

Q3/ Write a C# program to find the sum of five numbers.

Q4/ Write a C# program to find the sum off odd numbers from 1 to 25.

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Homework: