LAB 03

01)

```
using System;

namespace Consoleapp_lab_1
{
    internal class Program
    {
        static void Main(string[] args)
        {
           int number = int.Parse(Console.ReadLine());
            if(number % 2 ==0)
            {
                Console.WriteLine("Even");

            }
            else
            {
                Console.WriteLine("odd");
            }


        }

    }
}
```

02)

```
using System;

namespace Consoleapp_lab_1
{
    internal class Program
    {
        static void Main(string[] args)
        {
            string str = "Hello Guys";
            int vowelCount = 0;

            char[] vowels = { 'a', 'e', 'i', 'o', 'u', 'A', 'E', 'I', 'O', 'U' };
            for (int i = 0; i < str.Length; i++)
            {
                if (vowels.Contains(str[i]))
                {
                    vowelCount++;
                }
            }
          Console.WriteLine("The number of vowels in the string is{0}",vowelCount);
            Console.ReadLine();
```

```
        }

    }
}
```

03)

```
using System;
namespace Consoleapp_lab_1
{
    internal class Program
    {
        static void Main(string[] args)
        {
            int number = int.Parse(Console.ReadLine());
            int sum = 0;

            for (int i = number; i > 0; i /= 10)
            {
                sum += i % 10;

            }
            Console.WriteLine("The sum of the digits is" + sum);
            Console.ReadLine();
        }

    }
}
```

04)

```
using System;

namespace ConsoleApp8
{
    internal class Program
    {
        static void Main(string[] args)
        {
            int number = int.Parse(Console.ReadLine());
            int odd = 0;

            for (int i = number; i > 0; i /= 10)
            {
                if (i % 2 == 1)
                odd += i % 10;

            }
            Console.WriteLine("The odd sum is" + odd);
            Console.ReadLine();

        }
    }
}
```