LAB 01

01)

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace Consoleapp_lab_1
{
    internal class Program
    {
        static void Main(string[] args)
        {
            Console.Write("Enter Your Name :");
            string name = Console.ReadLine();
            Console.Write("Enter Your Batch :");
            double batch =Convert.ToDouble(Console.ReadLine());
            Console.WriteLine("Your Name is:"+name);
            Console.WriteLine("Your Batch is:" + batch);
        }

    }
}
```

02)

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace Consoleapp_lab_1
{
    internal class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine("Enter Radius: ");
            int r =Convert.ToInt32(Console.ReadLine());
            double pi = 3.1415;

            double area = pi * (r*r);
            Console.WriteLine("Area of a Circle: " + area);
            Console.ReadLine();
        }

    }
}
```

03)

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace Consoleapp_lab_1
{
    internal class Program
    {
        static void Main(string[] args)
        {
            int num1;
            int num2;
            int sum;

            Console.WriteLine("Enter the Firts Number:");
            Console.WriteLine("Enter the second Number:");
            num1=int.Parse(Console.ReadLine());
            num2=int.Parse(Console.ReadLine());
            sum = num1 + num2;
            Console.WriteLine("sum is" +sum);
            Console .ReadLine();
        }

    }
}


}
```

04)

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace Consoleapp_lab_1
{
    internal class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine("Enter the Salary of the Employee: ");
            double salary = Convert.ToDouble(Console.ReadLine());

            Console.WriteLine("Enter the tax rate: ");
            double taxRate = Convert.ToDouble(Console.ReadLine());

            double taxAmount = salary * taxRate /100;

            double salaryAfterTax =salary - taxAmount;

            Console.WriteLine("The salary after the tax is :" +salaryAfterTax);
        }

    }
}
```