

Lab 01

1. Create a Console application that can read your name and batch as an input and print them into the console.

using System;

namespace ConsoleApplication1

{

class Program

{

static void Main(string[] args)

{

string name = Console.ReadLine();

string batch = Console.ReadLine();

Console.WriteLine("Your name is " + name);

Console.WriteLine("Your batch is " + batch);

Console.WriteLine("Press any key to continue...");

Console.ReadKey();

}

}

}

2. Create a Console application that can read the radius from the user and calculate the Area of a circle.

using System;

namespace ConsoleApplication1

```

{
    class Program
    {
        static void Main(string[] args)
        {

            Console.WriteLine("Enter the radius of the circle: ");
            double radius = double.Parse(Console.ReadLine());
            double area = Math.PI * radius * radius;

            Console.WriteLine("The area of the circle is " + area);

            Console.WriteLine("Press any key to continue...");
            Console.ReadKey();
        }
    }
}

```

3. Create a console application that can read two input values and show the summation of the inputs

using System;

```

namespace ConsoleApplication1
{
    class Program
    {
        static void Main(string[] args)

```

```

{

    Console.WriteLine("Enter the first number: ");
    int firstNumber = int.Parse(Console.ReadLine());

    Console.WriteLine("Enter the second number: ");
    int secondNumber = int.Parse(Console.ReadLine());


    int sum = firstNumber + secondNumber;


    Console.WriteLine("The summation of the two numbers is " + sum);


    Console.WriteLine("Press any key to continue...");
    Console.ReadKey();
}
}
}

```

4. Create a console application that can read salary of an employee and tax rate. Then show salary after the tax.

```
using System;
```

```
namespace ConsoleApplication1
```

```
{
```

```
    class Program
```

```
    {
```

```
        static void Main(string[] args)
```

```
{

    Console.WriteLine("Enter the salary of the employee: ");
    double salary = double.Parse(Console.ReadLine());

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

    double taxPaid = salary * taxRate;

    double salaryAfterTax = salary - taxPaid;

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

    Console.WriteLine("Press any key to continue...");
    Console.ReadKey();
}
}
```