LAB 04

LAB4.1:

```
using System;

namespace KilometerToMeterConverter
{
    class ConvertValues
    {
        public void KilometerToMeter()
        {
            Console.Write("Enter the distance in kilometers: ");
            double kilometers = double.Parse(Console.ReadLine());

            double meters = kilometers * 1000;

            Console.WriteLine($"{kilometers} kilometers is equal to
{meters} meters.");
        }
    }

    class Program
    {
        static void Main(string[] args)
        {
            ConvertValues converter = new ConvertValues();
            converter.KilometerToMeter();
        }
    }
}
```

LAB4.2:

```
using System;

namespace KilometerToMeterConverter
{
    class ConvertValues
    {
        public void KilometerToMeter()
        {
            Console.Write("Enter the distance in kilometers: ");
            double kilometers = double.Parse(Console.ReadLine());

            double meters = kilometers * 1000;

            Console.WriteLine($"{kilometers} kilometers is equal to
{meters} meters.");
        }
    }

    class Program
    {
        static void Main(string[] args)
        {
            ConvertValues converter = new ConvertValues();
```

```
            converter.KilometerToMeter();
        }
    }
}
```

```
using System;

namespace KilometerToMeterConverter
{
    class ConvertValues
    {
        public void KilometerToMeter(double kilometers)
        {
            double meters = kilometers * 1000;
            Console.WriteLine($"{kilometers} kilometers is equal to
{meters} meters.");
        }
    }

    class Program
    {
        static void Main(string[] args)
        {
            ConvertValues converter = new ConvertValues();

            Console.Write("Enter the distance in kilometers: ");
            double kilometers = double.Parse(Console.ReadLine());

            converter.KilometerToMeter(kilometers);
        }
    }
}
```

LAB4.3:

```
using System;

namespace KilometerToMeterConverter
{
    class ConvertValues
    {
        public double KilometerToMeter(double kilometers)
        {
            double meters = kilometers * 1000;
            return meters;
        }
    }

    class Program
    {
        static void Main(string[] args)
        {
            ConvertValues converter = new ConvertValues();
```

```
            Console.Write("Enter the distance in kilometers: ");
            double kilometers = double.Parse(Console.ReadLine());

            double meters = converter.KilometerToMeter(kilometers);
            Console.WriteLine($"{kilometers} kilometers is equal to
{meters} meters.");
        }
    }
```

LAB4.2:

LAB4.2.1

```
namespace CirclePropertiesCalculator
{
    class FindValues
    {
        public double FindArea(double radius)
        {
            return Math.PI * radius * radius;
        }

        public double FindCircumference(double radius)
        {
            return 2 * Math.PI * radius;
        }
    }

    class Program
    {
        static void Main(string[] args)
        {
            FindValues calculator = new FindValues();

            Console.Write("Enter the radius of the circle: ");
            double radius = double.Parse(Console.ReadLine());

            double area = calculator.FindArea(radius);
            double circumference =
calculator.FindCircumference(radius);

            Console.WriteLine($"Area of the circle: {area}");
            Console.WriteLine($"Circumference of the circle:
{circumference}");
        }
    }
}
}
```