LAB 04

Question 01

01)

```csharp
using System;
namespace ConsoleApp8
{
    internal class Program
    {
        static void Main(string[] args)
        {
        ConvertValues objectmethod = new ConvertValues();
            objectmethod.kilometerTometer();
            Console.ReadLine();

        }
    }
}



using System;
namespace ConsoleApp8
{
    internal class ConvertValues
    {
        public void kilometerTometer()
        {
            double meter;
            double kilometer;
            kilometer= double.Parse(Console.ReadLine());
            meter = 0;

            Console.WriteLine("Enter the kilometer value");
            meter = kilometer * 1000;
            Console.WriteLine("meter value is" + meter);

            Console.ReadLine();
        }
    }
}
```

O2)

```csharp
using System;

namespace ConsoleApp8
{
    internal class Program
    {
        static void Main(string[] args)
        {
            ConvertValues objectmethod = new ConvertValues();
            double kilometer = 13;
             objectmethod.kilometerTometer(kilometer);
             Console.ReadLine();


        }
    }
}

namespace ConsoleApp8
{
    internal class ConvertValues
    {
        public void kilometerTometer(double kilometer)
        {


             double meter = 0;
            meter = kilometer * 1000;
            Console.WriteLine("meter value is :"+meter);
            Console.ReadLine();


        }

    }
}
```

03)

```csharp
namespace ConsoleApp8
{
    internal class ConvertValues
    {
        public int kilometerTometer(double kilometer)
        {

            int meter = (int )(kilometer * 1000);
            Console.WriteLine("meter value is :"+meter);
            Console.ReadLine();
            return meter;


        }

    }
}
namespace ConsoleApp8
{
    internal class Program
    {
        static void Main(string[] args)
        {
            ConvertValues objectmethod = new ConvertValues();
            double kilometer = 12;

            int result = objectmethod.kilometerTometer(kilometer);


            Console.WriteLine("Meter value is: " + result);

            Console.ReadLine();


        }
    }
}
```

Question 02

O1)

```csharp
namespace ConsoleApp9
{
    class Program
    {
        static void Main(string[] args)
        {
            double radius = double.Parse(Console.ReadLine());

            FindValues findValues = new FindValues();


            double area = findValues.findArea(radius);
            double circumference = findValues.findCircumference(radius);
            Console.WriteLine("The area of the circle is: " + area);
        Console.WriteLine("The circumference of the circle is: " + circumference);

        }
    }
}


namespace CircleAreaCircumference
{
    class FindValues
    {

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

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