

BRH Punchihewa

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C# lab 04

1. internal class convertvalues

```
{  
    public void kilometerTOmeter()  
    {  
  
        Console.WriteLine("Enter the distance in kilometer:");  
        double km = Convert.ToDouble(Console.ReadLine());  
  
        double meters = km * 1000;  
  
        Console.WriteLine("The distance in meter is " + meters);  
        Console.ReadLine();  
    }  
}  
  
internal class Program  
{  
  
    static void Main(string[] args)  
    {  
        convertvalues convert = new convertvalues();  
        convert.kmTOmeter();  
    }  
}
```

```
}
```

```
}
```

## 2. internal class convertvalues

```
{
```

```
    public void kilometerTOmeter(double kilometers)
```

```
    {
```

```
        double meters = kilometers * 1000;
```

```
        Console.WriteLine("The distance in meter is " + meters);
```

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

```
    }
```

```
}
```

```
    internal class Program
```

```
{
```

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

```
    {
```

```
        Console.WriteLine("Enter the distance in kilometer:");
```

```
        double kilometers = Convert.ToDouble(Console.ReadLine());
```

```
        convertvalues convert = new convertvalues();
```

```
        convert.kilometerTOmeter(kilometers);
```

```
}
```

```
}
```

### 3. internal class convertvalues

```
{
```

```
    public double kilometerTOmeter(double kilometers)
```

```
    {
```

```
        double meters = kilometers * 1000;
```

```
        return meters;
```

```
    }
```

```
}
```

```
    internal class Program
```

```
{
```

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

```
    {
```

```
        Console.WriteLine("Enter the distance in kilometer:");
```

```
        double kilometers = Convert.ToDouble(Console.ReadLine());
```

```
        convertvalues convert = new convertvalues();
```

```
        double meters = convert.kilometerTOmeter(kilometers);
```

```
        Console.WriteLine("The distance in meter is " + meters);
```

```
        Console.ReadLine();

    }

}
```

## Question 02

### 1. internal class FindValues

```
{

    public double FindArea(double radius)
    {
        double aria = Math.PI * Math.Pow(radius, 2);
        return aria;
    }

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

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

```
{  
  
    Console.WriteLine("Enter the radius of the circle:");  
  
    double radius = double.Parse(Console.ReadLine());  
  
  
    FindValues calculator = new FindValues();  
  
  
    double aria = calculator.FindAria(radius);  
  
    double circumference = calculator.FindCircumference(radius);  
  
  
    Console.WriteLine($"Area of the circle: {aria}");  
  
    Console.WriteLine($"Circumference of the circle: {circumference}");  
  
    Console.ReadLine();  
  
}
```