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**Lab 04**

**Question 01**



* **ConvertValues.cs**

internal class ConvertValues

{

public void kilometerTOmeter()

{

Console.Write("enter the value in kms: ");

double km = Convert.ToDouble(Console.ReadLine());

double m = 1000 \* km;

Console.WriteLine("distance in meters: " + m + "m");

}

}

* **Program.cs**

internal class Program

{

static void Main(string[] args)

{

ConvertValues distance = new ConvertValues();

distance.kilometerTOmeter();

Console.ReadLine();

}

}



* **ConvertValue.cs**

internal class ConvertValues

{

public void kilometerTOmeter(double km)

{

double m = 1000 \* km;

Console.WriteLine("distance in meters: " + m + "m");

}

}

* **Program.cs**

internal class Program

{

static void Main(string[] args)

{

Console.Write("enter the value in kms: ");

double km = Convert.ToDouble(Console.ReadLine());

ConvertValues distance = new ConvertValues();

distance.kilometerTOmeter(km);

Console.ReadLine();

}

}



* **ConvertValue.cs**

internal class ConvertValues

{

public double kilometerTOmeter(double km)

{

double m = 1000 \* km;

return m;

}

}

* **Program.cs**

internal class Program

{

static void Main(string[] args)

{

Console.Write("enter the value in kms: ");

double km = Convert.ToDouble(Console.ReadLine());

ConvertValues distance = new ConvertValues();

double m = distance.kilometerTOmeter(km);

Console.WriteLine("distance in meters: " + m + "m");

Console.ReadLine();

}

}

**Question 02**

* **FindValues.cs**

internal class FindValues

{

public double findArea(double radius)

{

double ansArea = 3.14 \* radius \* radius;

return ansArea = Math.Round(ansArea, 2, MidpointRounding.AwayFromZero);

}

public double findCircumference(double radius)

{

double ansCircum = 2 \* 3.14 \* radius;

return ansCircum = Math.Round(ansCircum, 2);

}

}

* **Program.cs**

internal class Program

{

static void Main(string[] args)

{

Console.Write("enter the radius value: ");

double radius = Convert.ToDouble(Console.ReadLine());

FindValues circle = new FindValues();

double ansArea = circle.findArea(radius);

double ansCircum = circle.findCircumference(radius);

Console.WriteLine("area of the circle: " + ansArea);

Console.WriteLine("circumference of the circle: " + ansCircum);

Console.ReadLine();

}

}