(1)Km to m converter.



using System;

namespace KmToM

{

class Values

{

public void KilometerToMeter(double kilometers)

{

double meters = kilometers \* 1000;

Console.WriteLine($"Distance in meters: {meters}");

}

}

class Program

{

static void Main(string[] args)

{

Console.Write("Enter the distance in KM: ");

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

Values values = new Values();

values.KilometerToMeter(km);

}

}

}



using System;

namespace KmToM

{

class Values

{

public double KilometerToMeter(double kilometers)

{

double meters = kilometers \* 1000;

return meters;

}

}

class Program

{

static void Main(string[] args)

{

Console.Write("Enter the distance in KM: ");

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

Values values = new Values();

double meters = values.KilometerToMeter(km);

Console.WriteLine($"Distance in meters: {meters}");

}

}

}

(2) circumference and area of the circle

using System;

namespace CircleCalculator

{

class Calculator

{

public double Area(double radius)

{

double area = Math.PI \* radius \* radius;

return area;

}

public double Circumference(double radius)

{

double circumf = 2 \* Math.PI \* radius;

return circumf;

}

}

class Program

{

static void Main(string[] args)

{

Console.Write("Enter the radius: ");

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

Calculator calculator = new Calculator();

double area = calculator.Area(radius);

double circumference = calculator.Circumference(radius);

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

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

}

}

}

(3) A compilation issue will occur if you attempt to use the SayHello() function from the HelloWorld object in the main class. Because the SayHello() function is marked as private, it can only be accessed from inside the HelloWorld class.