Question 01

1. Create a new class file named ConvertValues.cs:

using System;

public class ConvertValues

{

public void kilometerToMeter()

{

Console.Write("Enter the kilometer value: ");

double km = double.Parse(Console.ReadLine());

double meter = km \* 1000;

Console.WriteLine($"The value of {km} km in meters is: {meter} m");

}

}

In the Program.cs (main class) file:

using System;

class Program

{

static void Main(string[] args)

{

ConvertValues converter = new ConvertValues();

converter.kilometerToMeter();

}

}

1. In the ConvertValues.cs file:

using System;

public class ConvertValues

{

public void kilometerToMeter(double km)

{

double meter = km \* 1000;

Console.WriteLine($"The value of {km} km in meters is: {meter} m");

}

}

In the Program.cs (main class) file:

using System;

class Program

{

static void Main(string[] args)

{

ConvertValues converter = new ConvertValues();

Console.Write("Enter the kilometer value: ");

double kmValue = double.Parse(Console.ReadLine());

converter.kilometerToMeter(kmValue);

}

}

1. In the ConvertValues.cs file:

using System;

public class ConvertValues

{

public double kilometerToMeter(double km)

{

double meter = km \* 1000;

return meter;

}

}

In the Program.cs (main class) file:

using System;

class Program

{

static void Main(string[] args)

{

ConvertValues converter = new ConvertValues();

Console.Write("Enter the kilometer value: ");

double kmValue = double.Parse(Console.ReadLine());

double meterValue = converter.kilometerToMeter(kmValue);

Console.WriteLine($"The value of {kmValue} km in meters is: {meterValue} m");

}

}

Question 02

1. Create a new class file named FindValues.cs:

using System;

public class FindValues

{

public double FindArea(double radius)

{

return Math.PI \* radius \* radius;

}

public double FindCircumference(double radius)

{

return 2 \* Math.PI \* radius;

}

}

2. In the Program.cs (main class) file:

using System;

class Program

{

static void Main(string[] args)

{

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

double radius = double.Parse(Console.ReadLine());

FindValues finder = new FindValues();

double area = finder.FindArea(radius);

double circumference = finder.FindCircumference(radius);

Console.WriteLine($"Area of the circle: {area:F2}");

Console.WriteLine($"Circumference of the circle: {circumference:F2}");

}

}