• C# LAB 04

Question 01

1. internal class convertvalues

{

public void kilometerTOmeter()

{

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

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

double meters = kilometers \* 1000;

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

Console.ReadLine();

}

}

internal class Program

{

static void Main(string[] args)

{

convertvalues convert = new convertvalues();

convert.kilometerTOmeter();

}

}

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 area = Math.PI \* Math.Pow(radius, 2);

return area;

}

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 area = calculator.FindArea(radius);

double circumference = calculator.FindCircumference(radius);

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

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

Console.ReadLine();

}