Lab 04

Q1.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Q1

{

class Program

{

static void Main(string[] args)

{

Console.Write("Enter the value in kilometers (km): ");

if (double.TryParse(Console.ReadLine(), out double kmValue))

{

ConvertValues converter = new ConvertValues();

converter.KilometerToMeter(kmValue);

}

else

{

Console.WriteLine("Invalid input! Please enter a valid numeric value.");

}

Console.ReadKey();

}

}

class ConvertValues

{

public void KilometerToMeter(double km)

{

double meter = km \* 1000;

Console.WriteLine($"{km} kilometers is equal to {meter} meters.");

}

}

}

Q2.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Q2

{

class Program

{

static void Main(string[] args)

{

Console.Write("Enter the value in Kilometers (Km): ");

if (double.TryParse(Console.ReadLine(), out double kmValue))

{

ConvertValues converter = new ConvertValues();

converter.KilometerToMeter(kmValue);

}

else

{

Console.WriteLine("Invalid Input, Try again");

}

Console.ReadKey();

}

}

class ConvertValues

{

public void KilometerToMeter(double km)

{

double meter = km \* 1000;

Console.WriteLine($"{km} kilometer is equel to {meter} meters.");

}

}

}

Q3.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Q3

{

class Program

{

static void Main(string[] args)

{

Console.Write("Enter the value in kilometers (km): ");

if (double.TryParse(Console.ReadLine(), out double kmValue))

{

ConvertValues converter = new ConvertValues();

double meterValue = converter.KilometerToMeter(kmValue);

Console.WriteLine($"{kmValue} kilometers is equal to {meterValue} meters.");

}

else

{

Console.WriteLine("Invalid input! Please enter a valid numeric value.");

}

Console.ReadKey();

}

}

class ConvertValues

{

public double KilometerToMeter(double km)

{

double meter = km \* 1000;

return meter;

}

}

}