1.

using System;

using System.Collections.Generic;

using System.Diagnostics.CodeAnalysis;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Web;

namespace ConsoleApp12

{

internal class Program

{

static void Main(string[] args)

{

int num1;

int num2;

int sum;

Console.WriteLine("enter a value for num 1");

Console.WriteLine("enter a value for num 2:");

num1 = int.Parse(Console.ReadLine());

num2 = int.Parse(Console.ReadLine());

sum = num1 + num2;

Console.WriteLine("the summation of num1 and num2 is " +sum);

Console.ReadLine();

}

}

}

2.

using System;

using System.Collections.Generic;

using System.Diagnostics.CodeAnalysis;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Web;

namespace ConsoleApp12

{

internal class Program

{

static void Main(string[] args)

{

int num1;

int num2;

int sum;

int sub;

int mul;

int div;

Console.WriteLine("enter a number for num1:");

Console.WriteLine("enter a number for num2:");

num1 = int.Parse(Console.ReadLine());

num2 = int.Parse(Console.ReadLine());

sum = num1 + num2;

sub = num1 - num2;

mul = num1 \* num2;

div = num1 / num2;

Console.WriteLine("summation is" + sum);

Console.WriteLine("substaction is" + sub);

Console.WriteLine("multipication is" + mul);

Console.WriteLine("divident is" + div);

Console.ReadLine();

}

}

}

3.

using System;

using System.Collections.Generic;

using System.Diagnostics;

using System.Diagnostics.CodeAnalysis;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Web;

namespace ConsoleApp12

{

internal class Program

{

static void Main(string[] args)

{

double area;

double radius;

double Circumference;

Console.WriteLine("enter radius:");

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

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

Circumference = 2 \* Math.PI \* radius;

Console.WriteLine("the area is" + area);

Console.WriteLine("the circumference is" + Circumference);

Console.ReadLine();

}

}

}

4.

using System;

using System.Collections.Generic;

using System.Diagnostics;

using System.Diagnostics.CodeAnalysis;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Web;

namespace ConsoleApp12

{

internal class Program

{

static void Main(string[] args)

{

int num;

Console.WriteLine("enter a number");

num = int.Parse(Console.ReadLine());

if (num % 2 == 1)

Console.WriteLine("this is a odd number");

else

Console.WriteLine("this is a even number");

Console.ReadLine();

}

}

}

5.

using System;

using System.Collections.Generic;

using System.Diagnostics;

using System.Diagnostics.CodeAnalysis;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Web;

namespace ConsoleApp12

{

internal class Program

{

static void Main(string[] args)

{

int num;

Console.WriteLine("enter a number");

num = int.Parse(Console.ReadLine());

for (int i = 0; i < 10; i++)

{

if (num % 2 == 1)

Console.WriteLine("this is a odd number");

else

Console.WriteLine("this is a even number");

Console.ReadLine();

}

}

}

}