class Program

{

static void Main(string[] args)

{

Console.WriteLine("use all opertors");

int num1, num2;

Console.WriteLine("enter the numbers:");

num1= Convert.ToInt32(Console.ReadLine());

Console.WriteLine("enter the numbers:");

num2=Convert.ToInt32(Console.ReadLine());

int sum = num1 + num2;

Console.WriteLine("Addition(+):" + sum);

int sub = num1 - num2;

Console.WriteLine("Subtractio(-):" + sub);

int mult = num1 \*num2;

Console.WriteLine("multpication(\*):" + mult);

//logical opertors//

Console.WriteLine("2.logical opertors");

bool m = true, n = false, res;

res = m && n;

Console.WriteLine("And operator {0}", res);

res = m || n;

Console.WriteLine("Or operator {0}", res);

// assignment opeartor//

Console.WriteLine("3.Assigment opeartors");

Console.WriteLine("enter the numbers:");

int numAss = Convert.ToInt32(Console.ReadLine());

numAss += 10;

Console.WriteLine("Add Assignment(numAss +=10):" + numAss);

numAss \*= 10;

Console.WriteLine("Mult Assignment(numAss \*=10):" + numAss);

numAss %= 10;

Console.WriteLine("Moduls Assignment(numAss %=10):" + numAss);

//Conditional operators//

Console.WriteLine("4.Condtional operators");

int x = 4;

int y = 100;

Console.WriteLine(x > y);

Console.WriteLine(x < y);

// Relational operators//

Console.WriteLine("5.Relational operators");

int a = 21;

int b = 10;

if(a==b)

{

Console.WriteLine("line 1 - a is equeal to b");

}

else

{

Console.WriteLine("line 1 a-is not equal less than b");

}

if(a<b)

{

Console.WriteLine("line 2- a is equeal to b");

}

else

{

Console.WriteLine("line - 2is not equal less than b");

}

// let chnge the value of a and b\*/

a= 5;

b=20;

if(a<=b)

{

Console.WriteLine("line 2- a is either less than or equal to b");

}

if(a>=b)

{

Console.WriteLine("line 2- a is either grater than or equal to b");

}

Console.ReadLine();

}

}

}

Output:-

use all opertors

enter the numbers:

100

enter the numbers:

200

Addition(+):300

Subtractio(-):-100

multpication(\*):20000

2.logical opertors

And operator False

Or operator True

3.Assigment opeartors

enter the numbers:

15

Add Assignment(numAss +=10):25

Mult Assignment(numAss \*=10):250

Moduls Assignment(numAss %=10):0

4.Condtional operators

False

True

5.Relational operators

line 1 a-is not equal less than b

line - 2is not equal less than b

line 2- a is either less than or equal to b