```csharp
using System;

public class Test
{
    public static void Main()
    {
        int a,b,c;
        Console.WriteLine("Enter the value of a: ");
        a=Convert.ToInt32(Console.ReadLine());
        Console.WriteLine("Enter the value of b: ");

        b=Convert.ToInt32(Console.ReadLine());
        //Arithmetic operator
        Console.WriteLine("**** Arithmetic operator*****");
        c=a+b;
        Console.WriteLine("addition of two numbers is:-"+c);
        c=a-b;
        Console.WriteLine("addition of two numbers is:-"+c);
        c=a*b;
        Console.WriteLine("addition of two numbers is:-"+c);
        c=a/b;
        Console.WriteLine("addition of two numbers is:-"+c);
        c=a%b;
```

```csharp
19    Console.WriteLine("addition of two
      numbers is:-"+c);
20    c=a%b;
21    Console.WriteLine("addition of two
      numbers is:-"+c);
22    //Relational operator
23    Console.WriteLine("**** Relational
      operator*****");
24    Console.WriteLine("a>b:"+(a>b));
25    Console.WriteLine("a<b:"+(a<b));
26    Console.WriteLine("a<=b:"+(a<=b));
27    Console.WriteLine("a>=b:"+(a>=b));
28    Console.WriteLine("a!=b:"+(a!=b));
29    //Assignment operator
30    Console.WriteLine("**** Assignment
      operator*****");
31    Console.WriteLine("a+=b:"+(a+=b));
32    Console.WriteLine("a-=b:"+(a-=b));
33    Console.WriteLine("a*=b:"+(a*=b));
34    Console.WriteLine("a/=b:"+(a/=b));
35    Console.WriteLine("a%=b:"+(a%=b));
36    //Logical opretor
37    Console.WriteLine("**** operator
      operator*****");
38    bool x=true,y=false, result;
39    result=x&&y;
40    Console.WriteLine("And operator:"+result);
41    result=x||y;
42    Console.WriteLine("Or  operator:"+result);
43    result=x!=y;
```

```csharp
                    numbers is:    +c);
        //Relational operator
        Console.WriteLine("**** Relational
        operator*****");
        Console.WriteLine("a>b:"+(a>b));
        Console.WriteLine("a<b:"+(a<b));
        Console.WriteLine("a<=b:"+(a<=b));
        Console.WriteLine("a>=b:"+(a>=b));
        Console.WriteLine("a!=b:"+(a!=b));
        //Assignment operator
        Console.WriteLine("**** Assignment
        operator*****");
        Console.WriteLine("a+=b:"+(a+=b));
        Console.WriteLine("a-=b:"+(a-=b));
        Console.WriteLine("a*=b:"+(a*=b));
        Console.WriteLine("a/=b:"+(a/=b));
        Console.WriteLine("a%=b:"+(a%=b));
        //Logical opretor
        Console.WriteLine("**** operator
        operator*****");
        bool x=true,y=false, result;
        result=x&&y;
        Console.WriteLine("And operator:"+result);
        result=x||y;
        Console.WriteLine("Or  operator:"+result);
        result=x!=y;
        Console.WriteLine("Not operator:"+result);
            }
        }

```

Enter the value of a:
8
Enter the value of b:
9
**** Arithmetic operator*****
addition of two numbers is:-17
addition of two numbers is:--1
addition of two numbers is:-72
addition of two numbers is:-0
addition of two numbers is:-8
**** Relational operator*****
a>b:False
a<b:True
a<=b:True
a>=b:False
a!=b:True
**** Assignment operator*****
a+=b:17
a-=b:8
a*=b:72
a/=b:8
a%=b:8
**** operator operator*****
And operator:False
Or operator:True
Not operator:True