

```
1 //using is a directive
2 //System is a namespace, namespace groups related features together
3 //System is needed so we can use Console, classes
4 using static System.Console;
5 //outermost level of grouping
6 class Program
7 {
8     //Main is a method
9     //this is the entry point into program
10    static void Main()
11    {
12        //evaluate and assign
13        //i++
14        double x = 5;//declare and set a variable
15        WriteLine($"Print, and then increment by 1:{x++}");
16        WriteLine($"Print after incrementing by 1: {x}");
17        WriteLine($"Decrement by 1, and then print: {--x}");
18        //x+=2 is the same as x=x+2
19        //this means first add 2 to x, and then store that new
20        //increased value to x
21        WriteLine($"Print after adding 2: {x += 2}");
22        WriteLine($"Print after subtracging 2: {x -= 2}");
23        WriteLine($"Print after dividing by 4: {x /= 4}");
24        WriteLine($"Print after multiplying by 3: {x *= 3}");
25        WriteLine($"Print after incrementing by 1: {++x}");
26    }
27 }
28
29
```