

# C# tarea inicial

**Keren Rivera, 20240-0259, viernes 6pm – 10pm**

1. Declarar variable de los diferentes tipos, asignarles valor e imprimir el valor.

```
Program.cs 4 X
Program.cs
1 //Variables
2
3 int num = 7;
4 double numFloat = 2.8;
5 char character = 'K';
6 string text = "Esta es una cadena de texto";
7 bool value = true;
8
9 Console.WriteLine(num);
10
11
12
13
```

PROBLEMS 4 OUTPUT DEBUG CONSOLE TERMINAL PORTS NUGET

```
PS C:\Users\keren\Desktop\Csharp> & 'c:\Users\keren\.vscode\extensions\ms-dotnettools.csharp-2
r=vscode' '--connection=4ca4a12424ef44a0a87c958d2e8c439d'
7
PS C:\Users\keren\Desktop\Csharp> |
```

```
Program.cs 4 X
Program.cs
1 //Variables
2
3 int num = 7;
4 double numFloat = 2.8;
5 char character = 'K';
6 string text = "Esta es una cadena de texto";
7 bool value = true;
8
9 Console.WriteLine(value);
10
```

PROBLEMS 4 OUTPUT DEBUG CONSOLE TERMINAL PORTS NUGET

```
PS C:\Users\keren\Desktop\Csharp> & 'c:\Users\keren\.vscode\extensions\ms-d
r=vscode' '--connection=b9268833dbf44da2ace70f6546add07b'
2.8
PS C:\Users\keren\Desktop\Csharp> ^C
PS C:\Users\keren\Desktop\Csharp>
PS C:\Users\keren\Desktop\Csharp> & 'c:\Users\keren\.vscode\extensions\ms-d
r=vscode' '--connection=d4aa0d75ea194e8e89b59c561696192d'
K
PS C:\Users\keren\Desktop\Csharp> ^C
PS C:\Users\keren\Desktop\Csharp>
PS C:\Users\keren\Desktop\Csharp> & 'c:\Users\keren\.vscode\extensions\ms-d
r=vscode' '--connection=77ffdd9e784540159f3edd6f6c621126'
Esta es una cadena de texto
PS C:\Users\keren\Desktop\Csharp> ^C
PS C:\Users\keren\Desktop\Csharp>
PS C:\Users\keren\Desktop\Csharp> & 'c:\Users\keren\.vscode\extensions\ms-d
r=vscode' '--connection=478a41f7012d402a8dd98fc9a839a2e2'
True
PS C:\Users\keren\Desktop\Csharp>
```

## C# tarea inicial

2. Buscar cómo se declara una constante en C# e imprimir el valor. Probar de cambiar su valor luego y ver que es lo que pasa.

```
16 //Constante
17
18 using System Buffers;
19
20 const string owner = "Keren";
21 Console.WriteLine(owner);
22
23
24
25
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS NUGET

```
PS C:\Users\keren\Desktop\Csharp> & 'c:\Users\keren\.vscode\extensions\ms-c
r=vscode' '--connection=5c1bc24f3e024f62b0a0f17ea0857b36'
Keren
PS C:\Users\keren\Desktop\Csharp> |
```

```
15
16 //Constante
17
18 using System Buffers;
19
20 const string owner = "Keren";
21 owner = "Bruno";
22
23
24
25
26
27
28
```

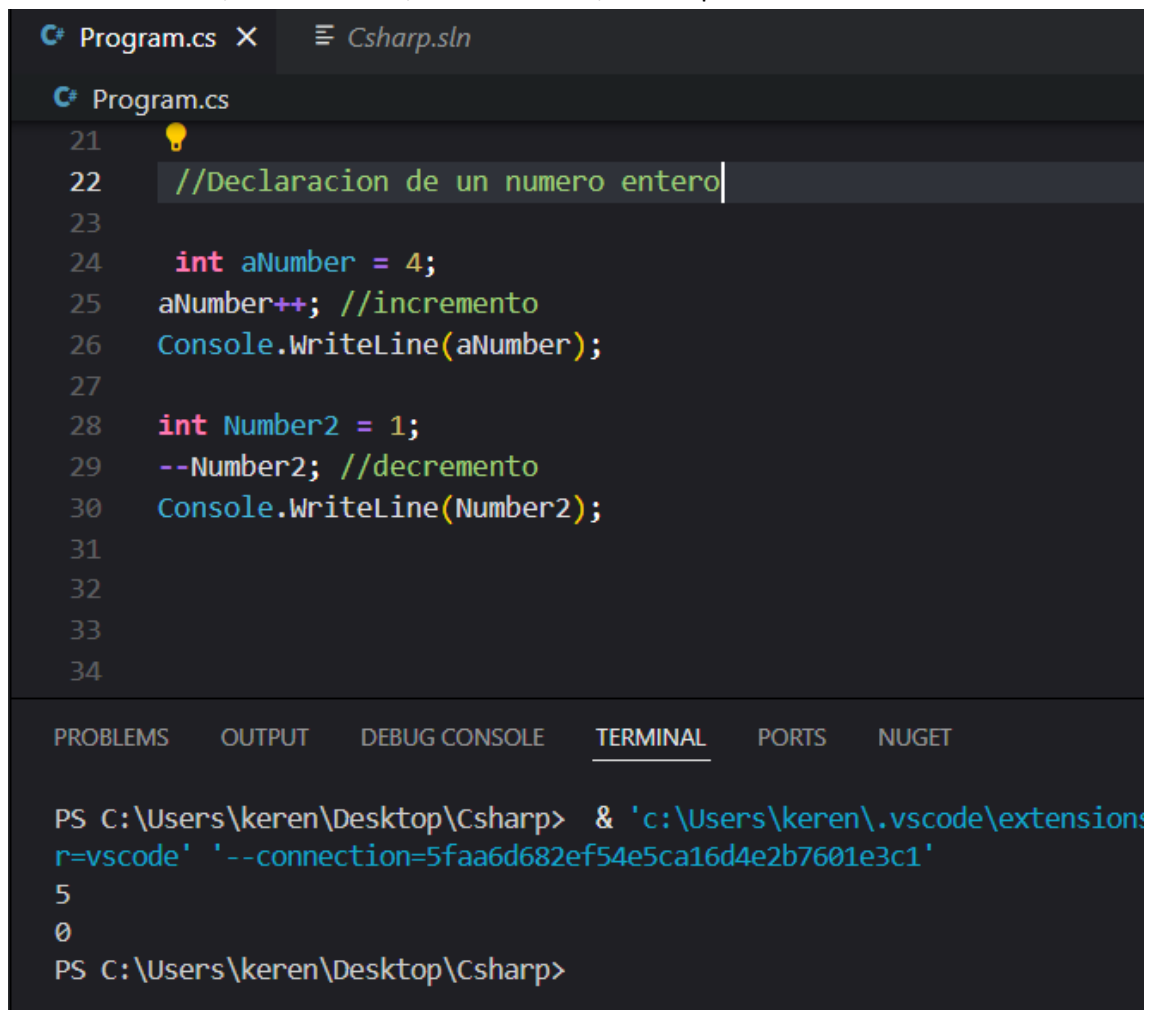
PROBLEMS **1** OUTPUT DEBUG CONSOLE TERMINAL PORTS NUGET

Program.cs **1**

⊗ The left-hand side of an assignment must be a variable, property or indexer (CS0131) [Ln 21, Col 1]

## C# tarea inicial

3. Declara un entero, incrementarlo, decrementarlo, hacer operaciones con el.

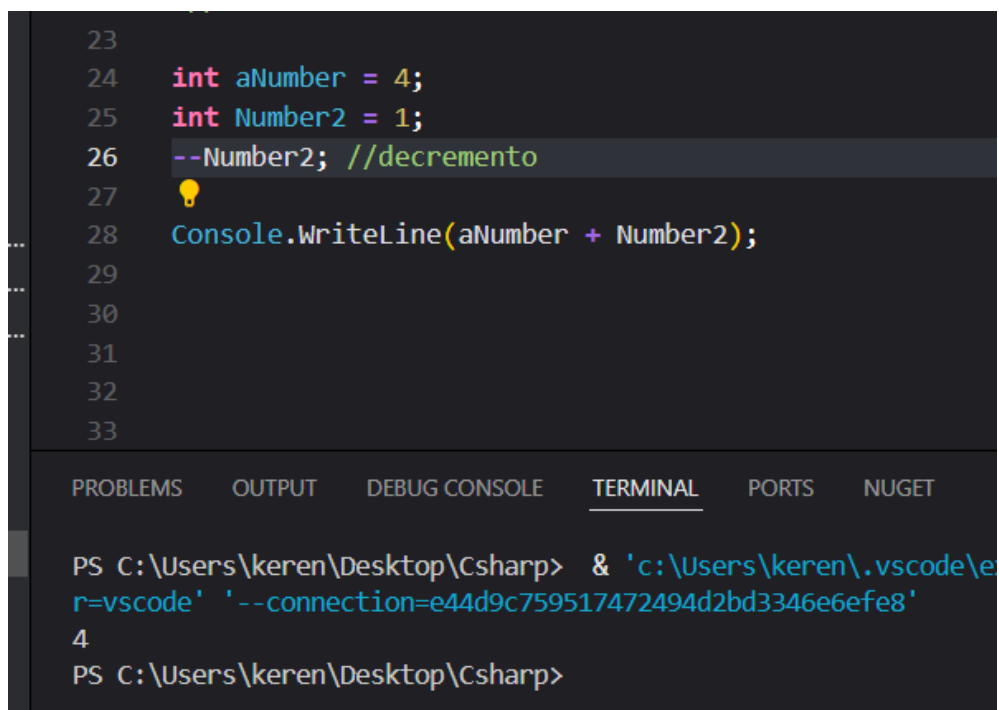


The screenshot shows the Visual Studio Code editor with a C# file named Program.cs. The code declares two integers, increments one, and decrements the other, then prints their values. The terminal shows the output of the program.

```
C# Program.cs X Csharp.sln
C# Program.cs
21
22 //Declaracion de un numero entero
23
24 int aNumber = 4;
25 aNumber++; //incremento
26 Console.WriteLine(aNumber);
27
28 int Number2 = 1;
29 --Number2; //decremento
30 Console.WriteLine(Number2);
31
32
33
34
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS NUGET

```
PS C:\Users\keren\Desktop\Csharp> & 'c:\Users\keren\.vscode\extensions
r=vscode' '--connection=5faa6d682ef54e5ca16d4e2b7601e3c1'
5
0
PS C:\Users\keren\Desktop\Csharp>
```



The screenshot shows the Visual Studio Code editor with a C# file named Program.cs. The code declares two integers, decrements one, and then prints the sum of both. The terminal shows the output of the program.

```
23
24 int aNumber = 4;
25 int Number2 = 1;
26 --Number2; //decremento
27
28 Console.WriteLine(aNumber + Number2);
29
30
31
32
33
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS NUGET

```
PS C:\Users\keren\Desktop\Csharp> & 'c:\Users\keren\.vscode\e
r=vscode' '--connection=e44d9c759517472494d2bd3346e6efe8'
4
PS C:\Users\keren\Desktop\Csharp>
```

## C# tarea inicial

C# Program.cs

```
22    //Declaracion de un numero entero y operaciones
23
24    int num = 932, num2 = 170;
25    int sum = num + num2;
26    int resta = num - num2;
27    double multi = num * num2;
28    double divi = num / num2;
29    double modul = num % num2;
30
31    Console.WriteLine(sum);
32    Console.WriteLine(resta);
33    Console.WriteLine(multi);
34    Console.WriteLine(divi);
35    Console.WriteLine(modul);
36
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

NUGET

```
PS C:\Users\keren\Desktop\Csharp> & 'c:\Users\keren\.vscode\extensions\ms-r=vscode' '--connection=85cea13026254d36a91e31e43a99758c'
```

```
1102
```

```
762
```

```
158440
```

```
5
```

```
82
```

```
PS C:\Users\keren\Desktop\Csharp>
```

## C# tarea inicial

---

4. Declarar un float con valor=10152466.25. Declara un byte que es igual a 5 + el float.

```
Program.cs
37
38 //float y byte
39
40 float num = 10152466.25f;
41 Console.WriteLine(num);
42
43 byte result = (byte)(5 + num);
44 Console.WriteLine(result);
45
46
47
48
49
```

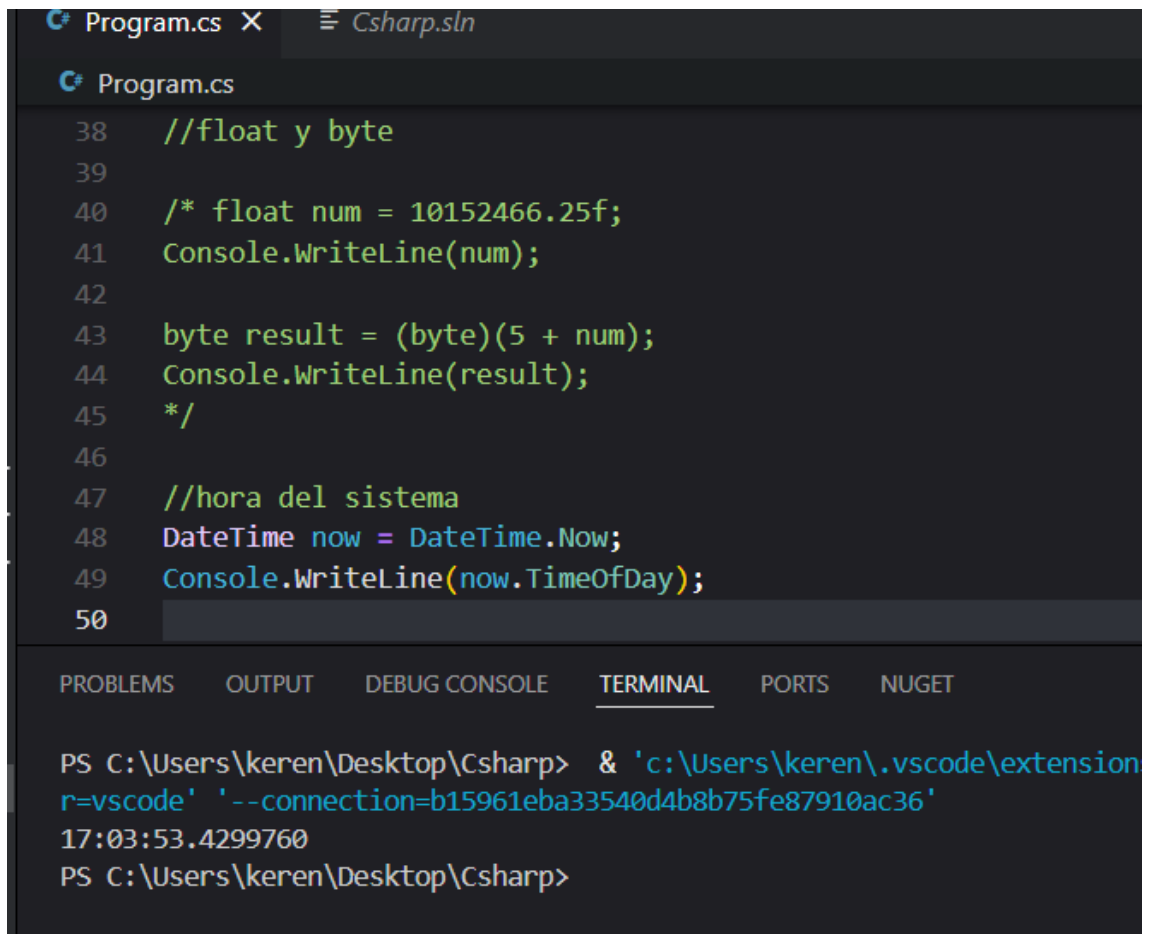
PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   NUGET

```
PS C:\Users\keren\Desktop\Csharp> & 'c:\Users\keren\.vscode\extensions\ms-vscode.csharp' --connection=1161a28193134280bf6cd0ea22202266'
10152466
23
PS C:\Users\keren\Desktop\Csharp>
```

## C# tarea inicial

---

5. Adjuntar comentario de una y de varias líneas un su código. Imprimir la fecha y hora d el sistema.



The screenshot shows a Visual Studio Code editor with a C# file named `Program.cs` open. The code in the editor includes comments for float and byte operations, and a section for printing the system time. Below the code editor, the `TERMINAL` tab is active, showing the command to run the program and its output.

```
Program.cs X Csharp.sln
C# Program.cs
38 //float y byte
39
40 /* float num = 10152466.25f;
41 Console.WriteLine(num);
42
43 byte result = (byte)(5 + num);
44 Console.WriteLine(result);
45 */
46
47 //hora del sistema
48 DateTime now = DateTime.Now;
49 Console.WriteLine(now.TimeOfDay);
50
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS NUGET

```
PS C:\Users\keren\Desktop\Csharp> & 'c:\Users\keren\.vscode\extension
r=vscode' '--connection=b15961eba33540d4b8b75fe87910ac36'
17:03:53.4299760
PS C:\Users\keren\Desktop\Csharp>
```