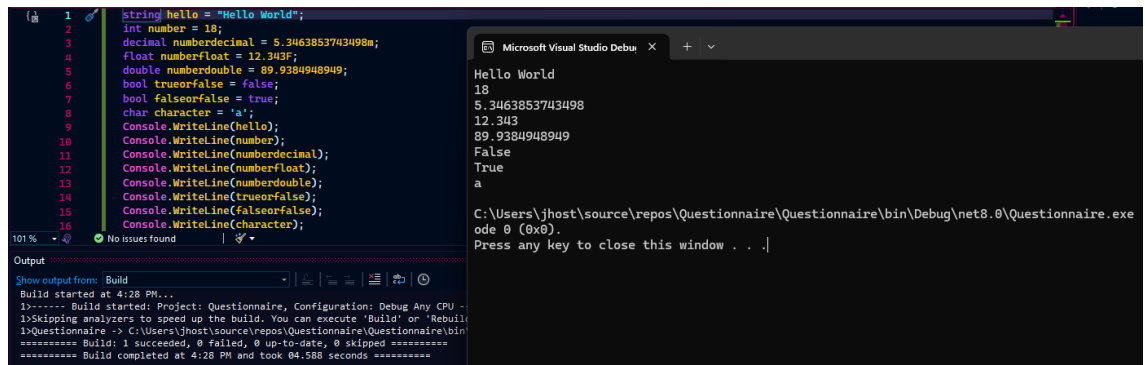


C# tarea inicial

Jhostyn Manuel Coats Lerebours, 2025-1865, Friday Afternoon (18:00-21:59)

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



```
1 string hello = "Hello World";
2 int number = 18;
3 decimal numberdecimal = 5.3463853743498m;
4 float numberfloat = 12.343f;
5 double numberdouble = 89.9384948949;
6 bool trueorfalse = false;
7 bool falseorfalse = true;
8 char character = 'a';
9 Console.WriteLine(hello);
10 Console.WriteLine(number);
11 Console.WriteLine(numberdecimal);
12 Console.WriteLine(numberfloat);
13 Console.WriteLine(numberdouble);
14 Console.WriteLine(trueorfalse);
15 Console.WriteLine(falseorfalse);
16 Console.WriteLine(character);
```

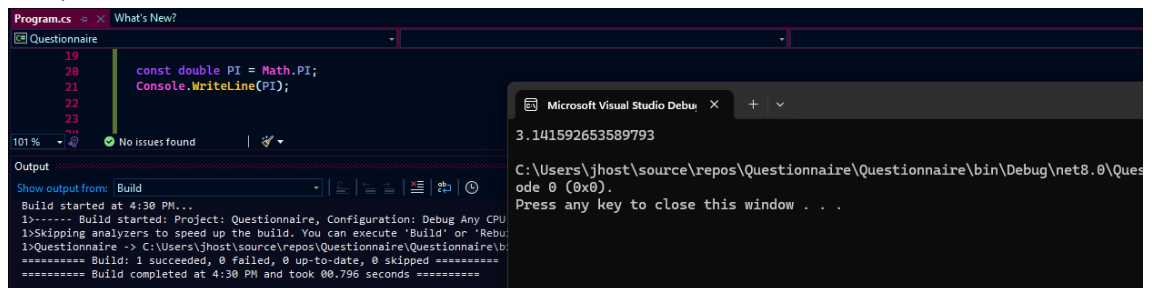
Output:

```
Hello World
18
5.3463853743498
12.343
89.9384948949
False
True
a
C:\Users\jhost\source\repos\Questionnaire\Questionnaire\bin\Debug\net8.0\Questionnaire.exe
ode 0 (0x0).
Press any key to close this window . . .
```

2. Buscar cómo se declara una constante en C#

Constants are immutable values which are known at compile time and do not change for the life of the program. Constants are declared with the const modifier. Only the C# built-in types may be declared as const.

e imprimir el valor.

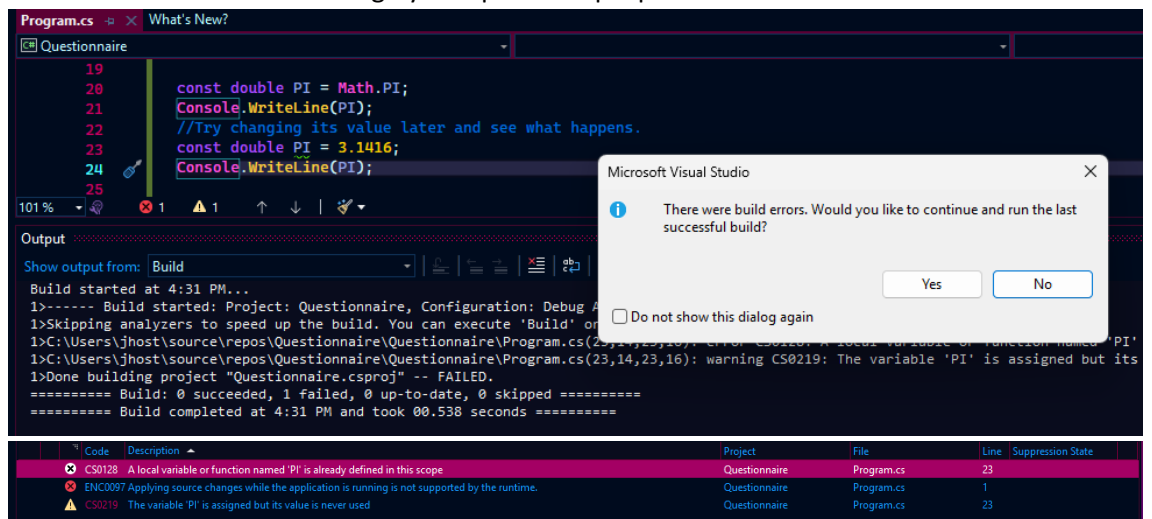


```
19
20 const double PI = Math.PI;
21 Console.WriteLine(PI);
22
23
24
```

Output:

```
3.141592653589793
C:\Users\jhost\source\repos\Questionnaire\Questionnaire\bin\Debug\net8.0\Questionnaire.exe
ode 0 (0x0).
Press any key to close this window . . .
```

Probar de cambiar su valor luego y ver que es lo que pasa.



```
19
20 const double PI = Math.PI;
21 Console.WriteLine(PI);
22 //Try changing its value later and see what happens.
23 const double PI = 3.1416;
24 Console.WriteLine(PI);
25
```

Output:

```
Build started at 4:31 PM...
1>----- Build started: Project: Questionnaire, Configuration: Debug Any CPU
1>Skipping analyzers to speed up the build. You can execute 'Build' or 'Rebuild'
1>Questionnaire -> C:\Users\jhost\source\repos\Questionnaire\Questionnaire\bin\
1>Done building project "Questionnaire.csproj" -- FAILED.
1>----- Build: 0 succeeded, 1 failed, 0 up-to-date, 0 skipped -----
1>----- Build completed at 4:31 PM and took 00.538 seconds -----
```

Microsoft Visual Studio

There were build errors. Would you like to continue and run the last successful build?

Yes No

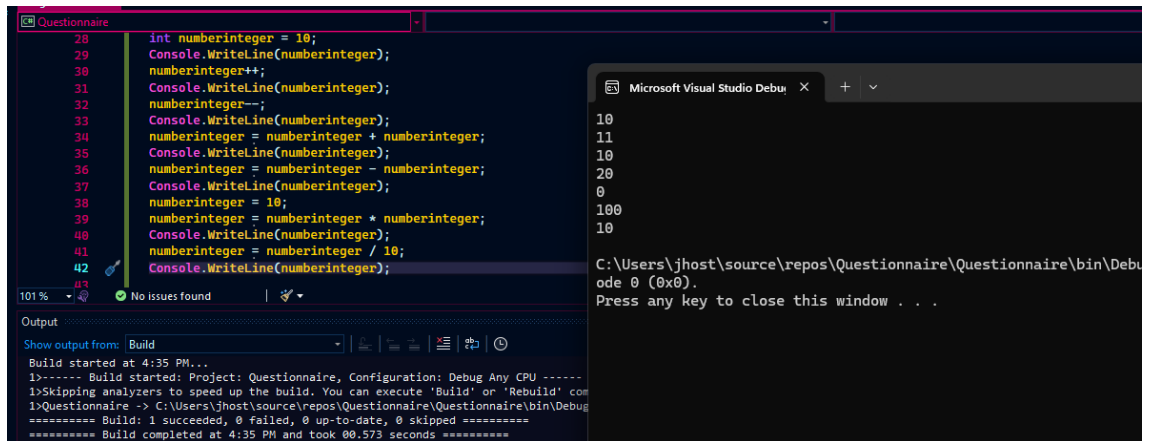
☐ Do not show this dialog again

Code Description Project File Line Suppression State

CS0128	A local variable or function named 'PI' is already defined in this scope	Questionnaire	Program.cs	23	
ENC0097	Applying source changes while the application is running is not supported by the runtime.	Questionnaire	Program.cs	1	
CS0219	The variable 'PI' is assigned but its value is never used	Questionnaire	Program.cs	23	

C# tarea inicial

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



The screenshot shows the Visual Studio IDE with a C# file named 'Questionnaire'. The code in the file is as follows:

```
28 int numberInteger = 10;
29 Console.WriteLine(numberInteger);
30 numberInteger++;
31 Console.WriteLine(numberInteger);
32 numberInteger--;
33 Console.WriteLine(numberInteger);
34 numberInteger = numberInteger + numberInteger;
35 Console.WriteLine(numberInteger);
36 numberInteger = numberInteger - numberInteger;
37 Console.WriteLine(numberInteger);
38 numberInteger = 10;
39 numberInteger = numberInteger * numberInteger;
40 Console.WriteLine(numberInteger);
41 numberInteger = numberInteger / 10;
42 Console.WriteLine(numberInteger);
```

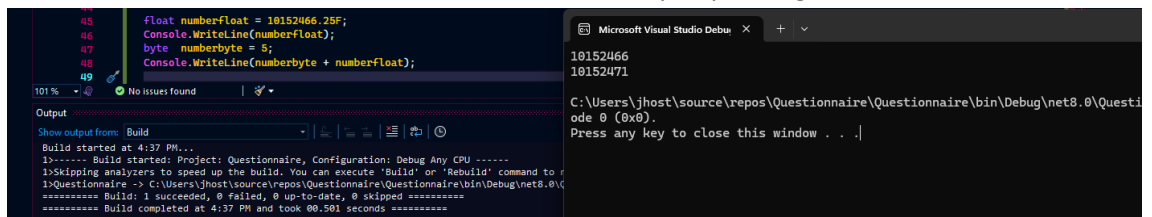
The output window shows the results of these operations:

```
10
11
10
20
0
100
10
```

The console window shows the command prompt output:

```
C:\Users\jhost\source\repos\Questionnaire\Questionnaire\bin\Debug\net8.0\Questionnaire.exe
Press any key to close this window . . .
```

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



The screenshot shows the Visual Studio IDE with a C# file named 'Questionnaire'. The code in the file is as follows:

```
45 float numberFloat = 10152466.25F;
46 Console.WriteLine(numberFloat);
47 byte numberByte = 5;
48 Console.WriteLine(numberByte + numberFloat);
```

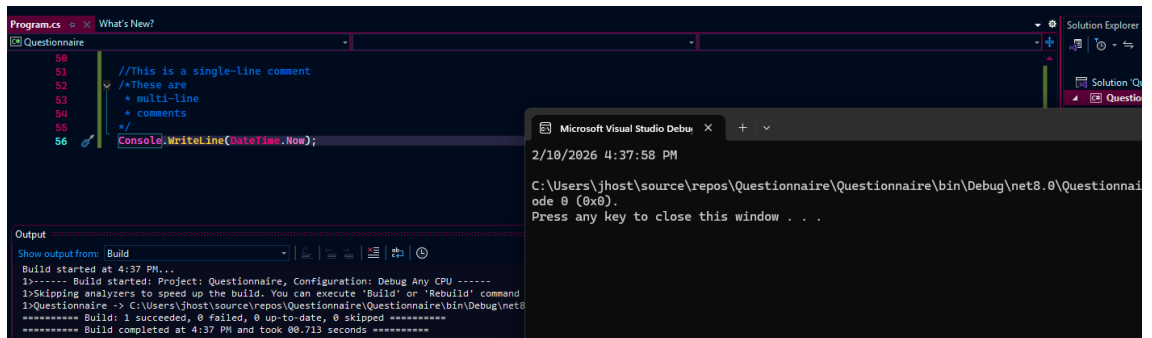
The output window shows the results of these operations:

```
10152466
10152471
```

The console window shows the command prompt output:

```
C:\Users\jhost\source\repos\Questionnaire\Questionnaire\bin\Debug\net8.0\Questionnaire.exe
Press any key to close this window . . .
```

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



The screenshot shows the Visual Studio IDE with a C# file named 'Questionnaire'. The code in the file is as follows:

```
50
51 //This is a single-line comment
52 /*These are
53 * multi-line
54 * comments
55 */
56 Console.WriteLine(DateTime.Now);
```

The output window shows the results of these operations:

```
2/10/2026 4:37:58 PM
```

The console window shows the command prompt output:

```
C:\Users\jhost\source\repos\Questionnaire\Questionnaire\bin\Debug\net8.0\Questionnaire.exe
Press any key to close this window . . .
```