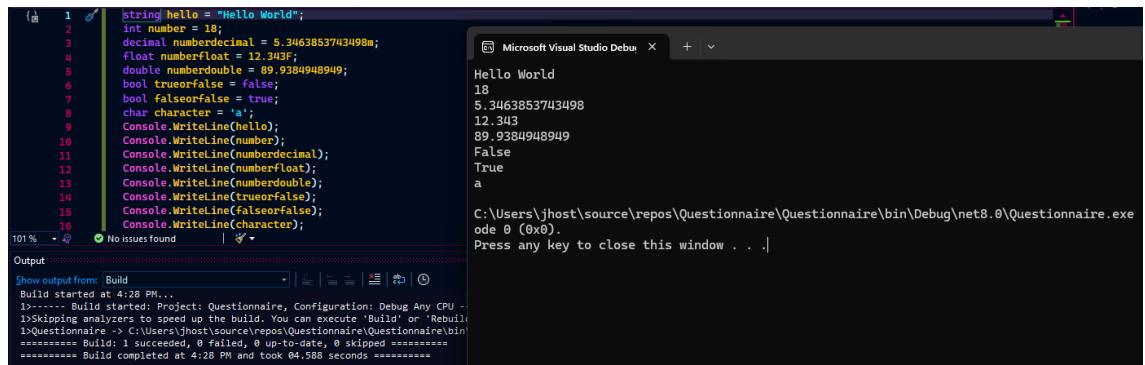


C# tarea inicial

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



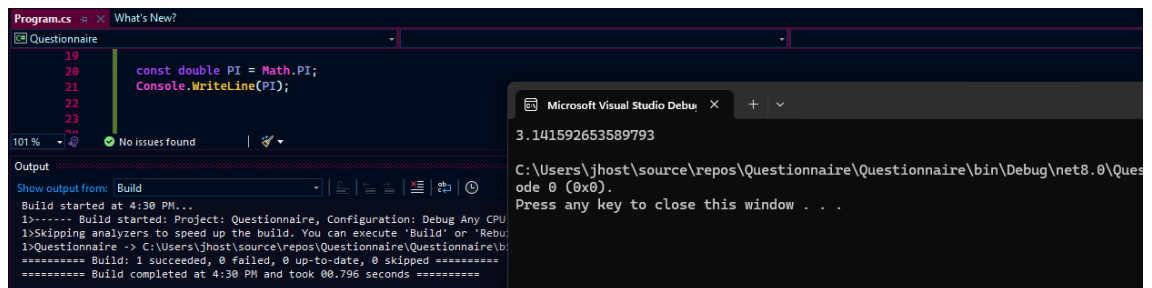
```
1 string hello = "Hello World";
2 int number = 18;
3 decimal numberdecimal = 5.3463853743498m;
4 float numberfloat = 12.343f;
5 double numberdouble = 89.9384948949;
6 bool trueorfalse = false;
7 bool falseorfalse = true;
8 char character = 'a';
9 Console.WriteLine(hello);
10 Console.WriteLine(number);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

Las constantes son valores inmutables que se conocen en tiempo de compilación y no cambian durante la vida del programa. Las constantes se declaran con el modificador `const`. Solo los tipos integrados de C# se pueden declarar como `const`.

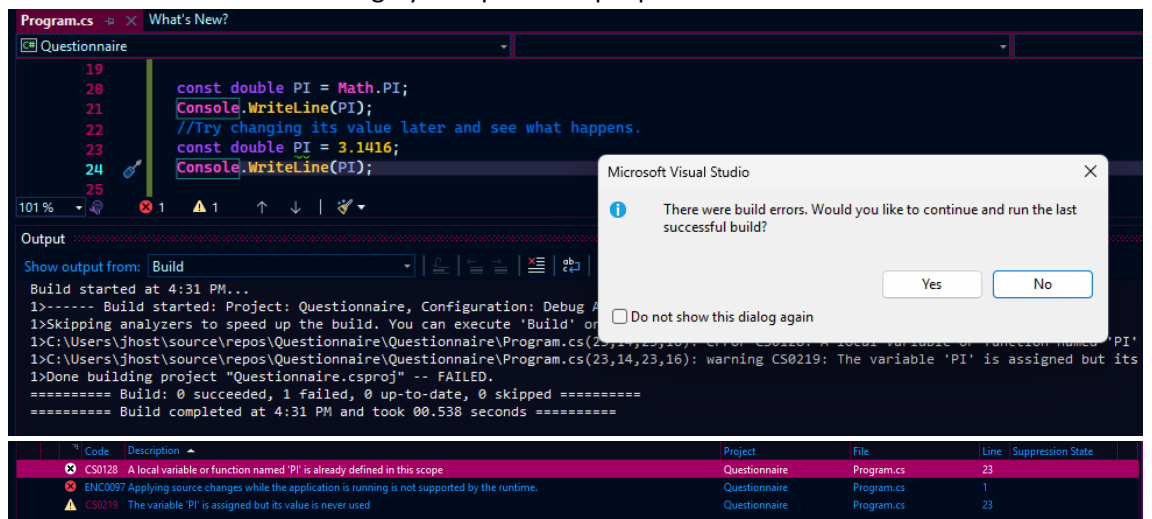


```
19
20 const double PI = Math.PI;
21 Console.WriteLine(PI);
22
23
24
```

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 -----
```

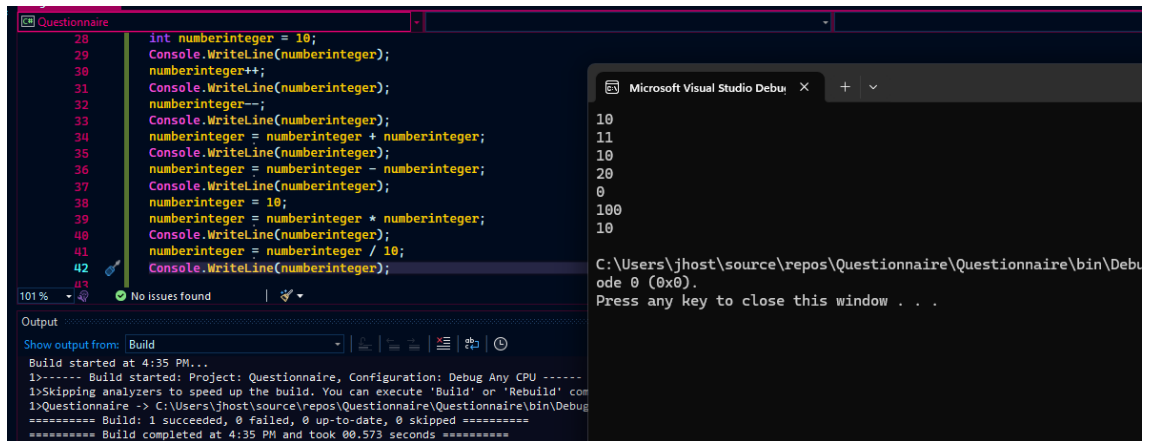
Microsoft Visual Studio dialog: There were build errors. Would you like to continue and run the last successful build?

Errors:

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

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 performs various operations on an integer variable 'numberInteger' starting from 10. The output window shows the results of these operations: 10, 11, 10, 20, 0, 100, and 10. The console also displays the file path and a prompt to press any key to close the window.

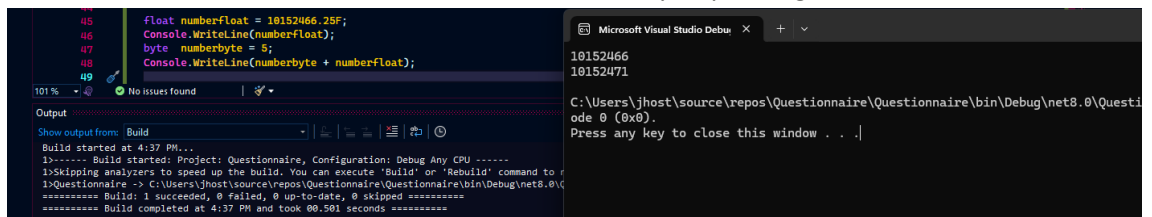
```
28 int numberInteger = 10;
29 Console.WriteLine(numberInteger);
30 numberInteger++;
31 Console.WriteLine(numberInteger);
32 numberInteger--;
33 Console.WriteLine(numberInteger);
34 numberInteger = numberInteger + numberInteger;
35 Console.WriteLine(numberInteger);
36 numberInteger = numberInteger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

Output:

```
Build
Build started at 4:35 PM...
1>----- Build started: Project: Questionnaire, Configuration: Debug Any CPU -----
1>Skipping analyzers to speed up the build. You can execute 'Build' or 'Rebuild' command to
1>Questionnaire -> C:\Users\jhost\source\repos\Questionnaire\Questionnaire\bin\Debug
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 4:35 PM and took 00.573 seconds =====
```

10
11
10
20
0
100
10
C:\Users\jhost\source\repos\Questionnaire\Questionnaire\bin\Debug\Questionnaire.exe 0 (0x0).
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 declares a float variable 'numberFloat' with the value 10152466.25F and a byte variable 'numberByte' with the value 5. The output window shows the values of these variables: 10152466 and 10152471. The console also displays the file path and a prompt to press any key to close the window.

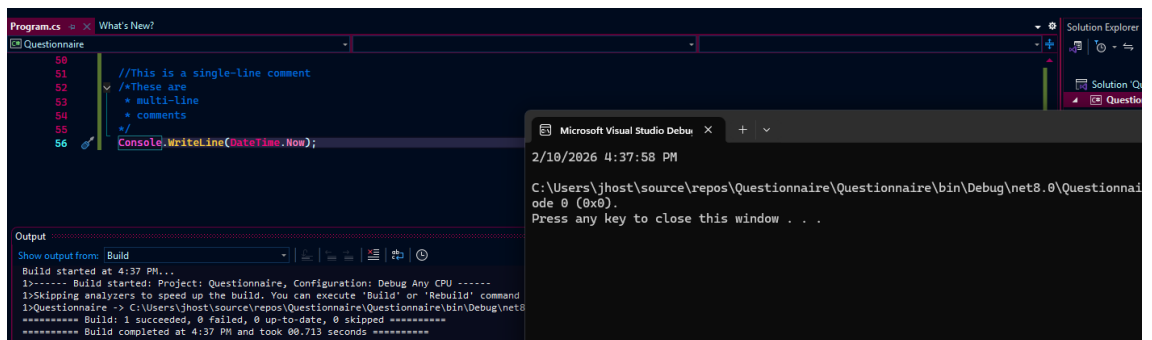
```
45 float numberFloat = 10152466.25F;
46 Console.WriteLine(numberFloat);
47 byte numberByte = 5;
48 Console.WriteLine(numberByte + numberFloat);
```

Output:

```
Build
Build started at 4:37 PM...
1>----- Build started: Project: Questionnaire, Configuration: Debug Any CPU -----
1>Skipping analyzers to speed up the build. You can execute 'Build' or 'Rebuild' command to
1>Questionnaire -> C:\Users\jhost\source\repos\Questionnaire\Questionnaire\bin\Debug\net8.0\Questionnaire.exe 0 (0x0).
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 4:37 PM and took 00.581 seconds =====
```

10152466
10152471
C:\Users\jhost\source\repos\Questionnaire\Questionnaire\bin\Debug\net8.0\Questionnaire.exe 0 (0x0).
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 includes a single-line comment, a multi-line comment, and a line of code that prints the current date and time. The output window shows the date and time: 2/10/2026 4:37:58 PM. The console also displays the file path and a prompt to press any key to close the window.

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

Output:

```
Build
Build started at 4:37 PM...
1>----- Build started: Project: Questionnaire, Configuration: Debug Any CPU -----
1>Skipping analyzers to speed up the build. You can execute 'Build' or 'Rebuild' command to
1>Questionnaire -> C:\Users\jhost\source\repos\Questionnaire\Questionnaire\bin\Debug\net8.0\Questionnaire.exe 0 (0x0).
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 4:37 PM and took 00.713 seconds =====
```

2/10/2026 4:37:58 PM
C:\Users\jhost\source\repos\Questionnaire\Questionnaire\bin\Debug\net8.0\Questionnaire.exe 0 (0x0).
Press any key to close this window . . .