

C# tarea inicial

Frida Marie Nuñez Mariano, 2025-0009, viernes 6:00pm

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

The screenshot shows a code editor window titled 'First.homework' and a terminal window titled 'C:\Dev\ItlaWorks\Firsthomework\Firsthomework...'. The code defines various variables of different types and prints them to the console. The terminal output shows the values for each variable: Name, Age, Height, Weight, Random Number, Favorite Letter, and False.

```
1 string fullname = "Frida Marie Nunez Mariano";
2 int age = 19;
3 double height = 5.3;
4 float weight = 146.6f;
5 decimal randomnumber = 123456.7890m;
6 char favoriteletter = 'A';
7 bool False = false;
8 Console.WriteLine("Name: " + fullname);
9 Console.WriteLine("Age: " + age);
10 Console.WriteLine("Height: " + height);
11 Console.WriteLine("Weight: " + weight);
12 Console.WriteLine("Random Number: " + randomnumber);
13 Console.WriteLine("Favorite Letter: " + favoriteletter);
14 Console.WriteLine("False: " + false);
15
16 Console.ReadKey();
```

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:

The screenshot shows a code editor window with a syntax error. Line 3 contains the assignment statement 'Days_Of_The_Week = 9;'. A tooltip below the error message 'CS0131' provides the explanation: 'The left-hand side of an assignment must be a variable, property or indexer.' The terminal window shows the expected output of 'Days_Of_The_Week = 9;'.

```
1 const int Days_Of_The_Week = 7;
2 Console.WriteLine("How many days are in a week? " + Days_Of_The_Week);
3 Days_Of_The_Week = 9;
```

Como se puede apreciar en la imagen al hacer esto nos da error, ya que no podemos cambiar el valor de una constante, porque como su nombre lo indica una constante no varía su valor ya definido.

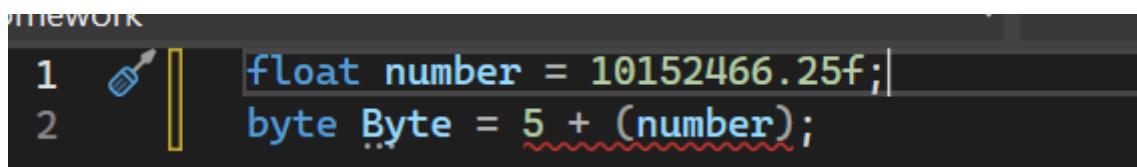
3. Declara un entero, incrementarlo, decrementarlo, hacer operaciones con el.

The screenshot shows a code editor window with code performing arithmetic operations on integers. The terminal window shows the results of the operations: Sum (10 + 5), Subtraction (10 - 5), Multiplication (10 * 5), Division (10 / 5), and Module (10 % 5).

```
1 int number = 10;
2 number++;
3 Console.WriteLine("Incremento: " + number);
4 number--;
5 Console.WriteLine("Decremento: " + number);
6 Console.WriteLine();
7 int num = 5;
8 double sum = number + num;
9 double subtraction = number - num;
10 double multiplication = number * num;
11 double division = number / num;
12 double module = number % num;
13 Console.WriteLine("Operaciones: ");
14 Console.WriteLine();
15 Console.WriteLine("Sum: 10 + 5 = " + sum);
16 Console.WriteLine("Subtraction: 10 - 5 = " + subtraction);
17 Console.WriteLine("Multiplication: 10 x 5 = " + multiplication);
18 Console.WriteLine("Division: 10 / 5 = " + division);
19 Console.WriteLine("Module: 10 % 5 = " + module);
```

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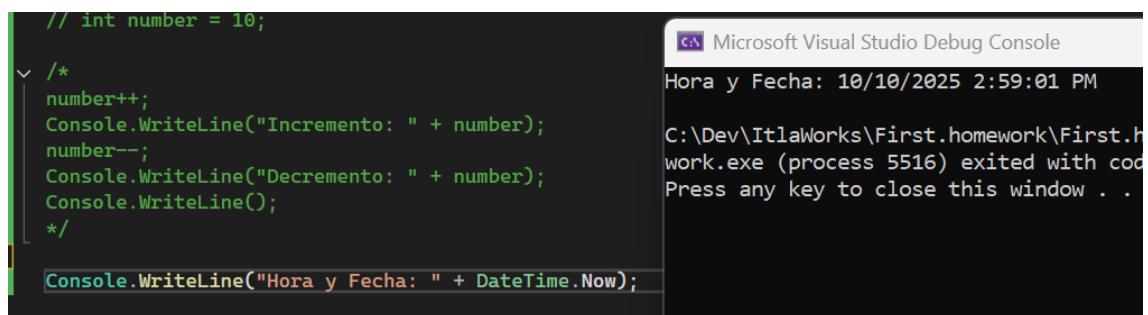
4. Declarar un float con valor=10152466.25. Declara un byte que es igual a 5 + el float.



```
1 float number = 10152466.25f;
2 byte Byte = 5 + (number);
```

Este nos da error, ya que no es posible almacenar un float en un byte a causa de su reducido tamaño.

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



```
// int number = 10;

/*
number++;
Console.WriteLine("Incremento: " + number);
number--;
Console.WriteLine("Decremento: " + number);
Console.WriteLine();
*/

Console.WriteLine("Hora y Fecha: " + DateTime.Now);
```

Microsoft Visual Studio Debug Console
Hora y Fecha: 10/10/2025 2:59:01 PM
C:\Dev\ItlaWorks\First.homework\First homework.exe (process 5516) exited with code 0.
Press any key to close this window . .

Aquí tenemos un comentario de una línea, le sigue uno de varias y por último la fecha y hora de sistema.