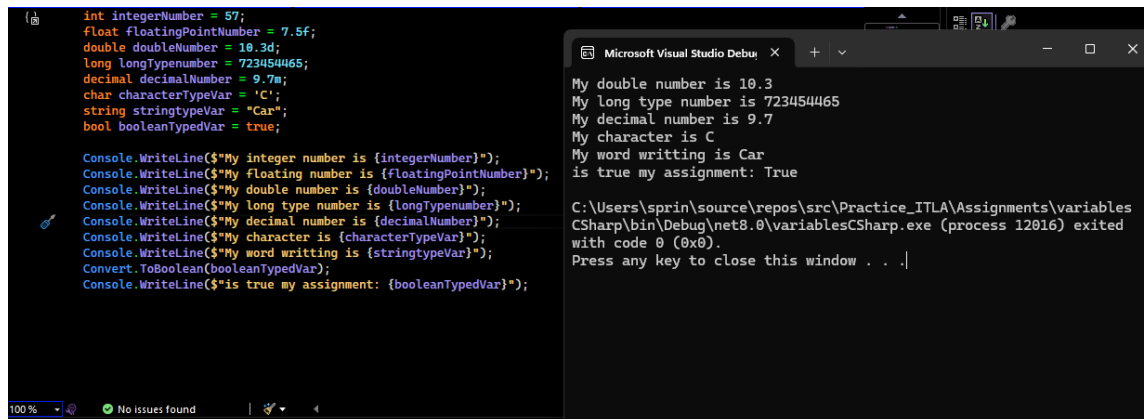


C# tarea inicial

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



The screenshot shows a C# program in Visual Studio. The code declares variables of various types: int, float, double, long, decimal, char, string, and bool. It then prints each variable's value to the console. The output shows the values of these variables as they are printed. The program also demonstrates the Convert.ToBoolean method and the Console.WriteLine method with string interpolation.

```
int integerNumber = 57;
float floatingPointNumber = 7.5f;
double doubleNumber = 10.3d;
long longTypenumber = 723454465;
decimal decimalNumber = 9.7m;
char characterTypeVar = 'C';
string stringtypeVar = "Car";
bool booleanTypedVar = true;

Console.WriteLine($"My integer number is {integerNumber}");
Console.WriteLine($"My floating number is {floatingPointNumber}");
Console.WriteLine($"My double number is {doubleNumber}");
Console.WriteLine($"My long type number is {longTypenumber}");
Console.WriteLine($"My decimal number is {decimalNumber}");
Console.WriteLine($"My character is {characterTypeVar}");
Console.WriteLine($"My word writting is {stringtypeVar}");
Convert.ToBoolean(booleanTypedVar);
Console.WriteLine($"is true my assignment: {booleanTypedVar}");
```

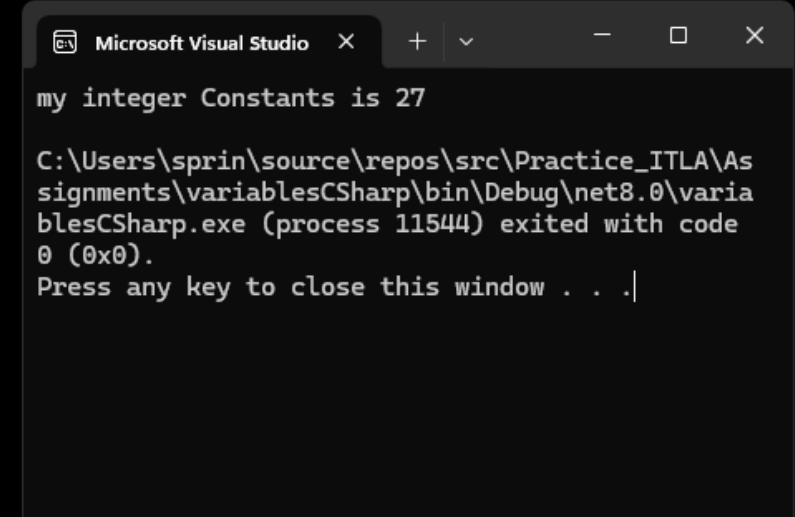
My double number is 10.3
My long type number is 723454465
My decimal number is 9.7
My character is C
My word writting is Car
is true my assignment: True
C:\Users\sprin\source\repos\src\Practice_ITLA\Assignments\variables
CSharp\bin\Debug\net8.0\variablesCSharp.exe (process 12016) exited
with code 0 (0x0).
Press any key to close this window . . .

```
int integerNumber = 57;
float floatingPointNumber = 7.5f;
double doubleNumber = 10.3d;
long longTypenumber = 723454465;
decimal decimalNumber = 9.7m;
char characterTypeVar = 'C';
string stringtypeVar = "Car";
bool booleanTypedVar = true;
Console.WriteLine($"My integer number is {integerNumber}");
Console.WriteLine($"My floating number is {floatingPointNumber}");
Console.WriteLine($"My double number is {doubleNumber}");
Console.WriteLine($"My long type number is {longTypenumber}");
Console.WriteLine($"My decimal number is {decimalNumber}");
Console.WriteLine($"My character is {characterTypeVar}");
Console.WriteLine($"My word writting is {stringtypeVar}");
Convert.ToBoolean(booleanTypedVar);
Console.WriteLine($"is true my assignment: {booleanTypedVar}");
```

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.

```
const int integerConstant = 27;  
Console.WriteLine($"my integer Constants is {integerConstant}");
```



The screenshot shows a Visual Studio console window with the title bar "Microsoft Visual Studio". The output text is "my integer Constants is 27". Below the output, the console shows the file path "C:\Users\sprin\source\repos\src\Practice_ITLA\Assignments\variablesCSharp\bin\Debug\net8.0\variablesCSharp.exe (process 11544) exited with code 0 (0x0)." and a prompt "Press any key to close this window . . .".

```
const int integerConstant = 27;  
Console.WriteLine($"my integer Constants is {integerConstant}");  
  
integerConstant = 15;  
Console.WriteLine($"try change Constants: {integerConstant}");
```

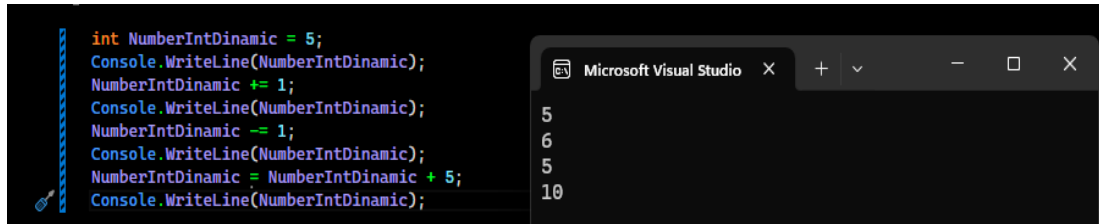


The screenshot shows the same Visual Studio console window with the updated code. The output text is "try change Constants: 15". A dialog box titled "Microsoft Visual Studio" is open in the foreground. The dialog contains an information icon and the text "There were build errors. Would you like to continue and run the last successful build?". There are "Yes" and "No" buttons, and a checkbox labeled "Do not show this dialog again" at the bottom.

```
const int integerConstant = 27;  
Console.WriteLine($"my integer Constants is {integerConstant}");  
  
integerConstant = 15;  
Console.WriteLine($"try change Constants: {integerConstant}");
```

C# tarea inicial

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



The screenshot shows the Microsoft Visual Studio IDE. On the left, the C# code editor contains the following code:

```
int NumberIntDinamic = 5;
Console.WriteLine(NumberIntDinamic);
NumberIntDinamic += 1;
Console.WriteLine(NumberIntDinamic);
NumberIntDinamic -= 1;
Console.WriteLine(NumberIntDinamic);
NumberIntDinamic = NumberIntDinamic + 5;
Console.WriteLine(NumberIntDinamic);
```

On the right, the console window displays the output of the program:

```
5
6
5
10
```

```
int NumberIntDinamic = 5;
```

```
Console.WriteLine(NumberIntDinamic);
```

```
NumberIntDinamic += 1;
```

```
Console.WriteLine(NumberIntDinamic);
```

```
NumberIntDinamic -= 1;
```

```
Console.WriteLine(NumberIntDinamic);
```

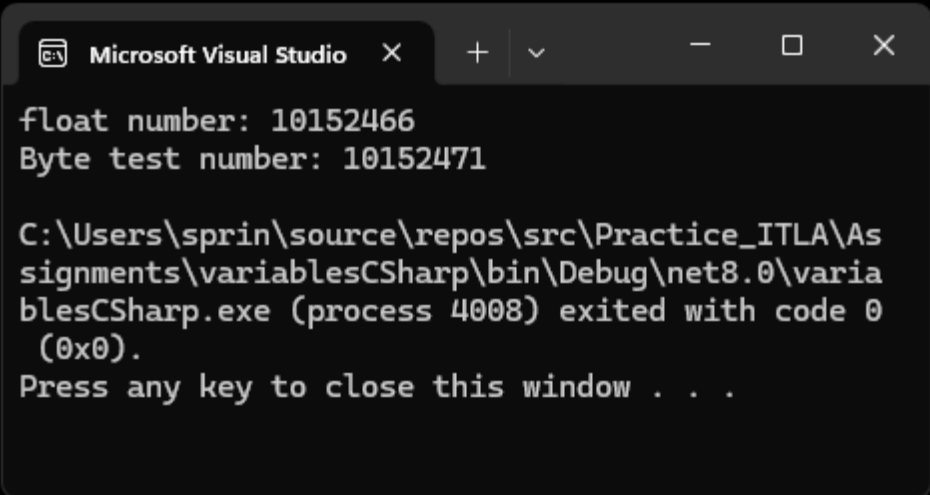
```
NumberIntDinamic = NumberIntDinamic + 5;
```

```
Console.WriteLine(NumberIntDinamic);
```

C# tarea inicial

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

```
float floatLargeValues = 10152466.25f;
Console.WriteLine($"float number: {floatLargeValues}");
float ThisABYTEtest = 5 + floatLargeValues;
Console.WriteLine($"Byte test number: {ThisABYTEtest}");
```



Microsoft Visual Studio

float number: 10152466
Byte test number: 10152471

C:\Users\sprin\source\repos\src\Practice_ITLA\Assignments\variablesCSharp\bin\Debug\net8.0\variablesCSharp.exe (process 4008) exited with code 0 (0x0).
Press any key to close this window . . .

```
float floatLargeValues = 10152466.25f;
```

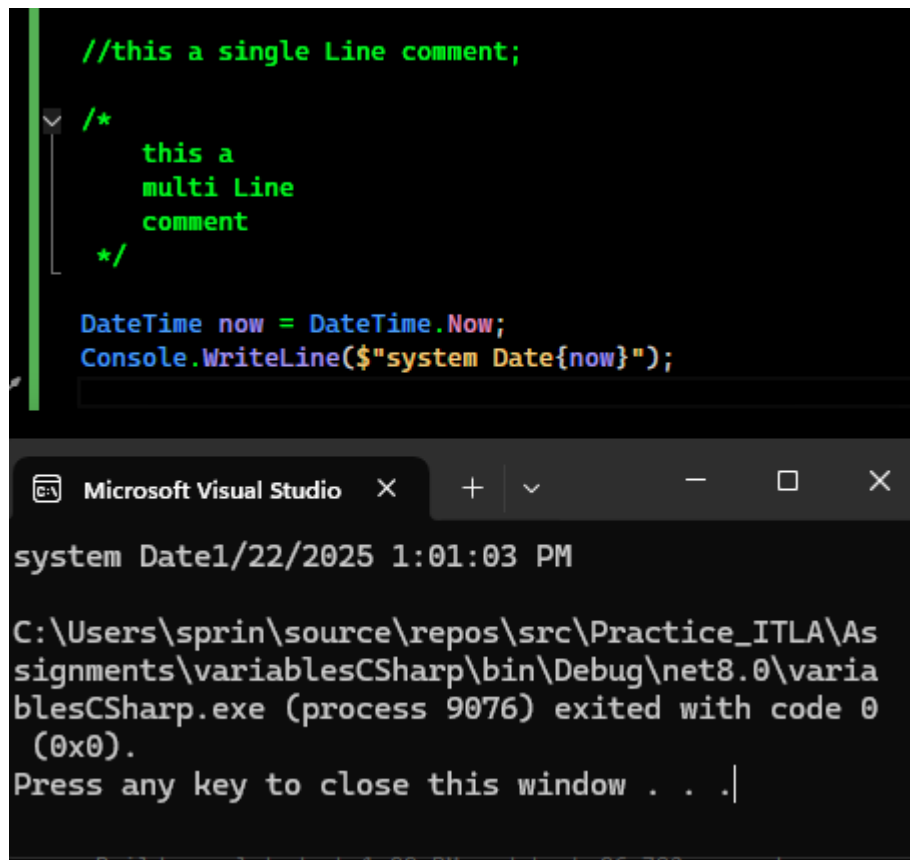
```
Console.WriteLine($"float number: {floatLargeValues}");
```

```
float ThisABYTEtest = 5 + floatLargeValues;
```

```
Console.WriteLine($"Byte test number: {ThisABYTEtest}");
```

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 the Microsoft Visual Studio IDE. The top part displays a C# code file with the following content:

```
//this a single Line comment;  
  
/*  
    this a  
    multi Line  
    comment  
*/  
  
DateTime now = DateTime.Now;  
Console.WriteLine($"system Date{now}");
```

The bottom part of the screenshot shows the output window with the following text:

```
system Date1/22/2025 1:01:03 PM  
  
C:\Users\sprin\source\repos\src\Practice_ITLA\Assignments\variablesCSharp\bin\Debug\net8.0\variablesCSharp.exe (process 9076) exited with code 0 (0x0).  
Press any key to close this window . . .|
```

```
//this a single Line comment;
```

```
/*
```

```
    this a
```

```
    multi Line
```

```
    comment
```

```
*/
```

```
DateTime now = DateTime.Now;
```

```
Console.WriteLine($"system Date{now}");
```

C# tarea inicial

```
//this a single Line comment;
```

```
/*  
    this a  
    multi Line  
    comment  
*/
```

```
DateTime now = DateTime.Now;  
Console.WriteLine($"system Date{now}");
```