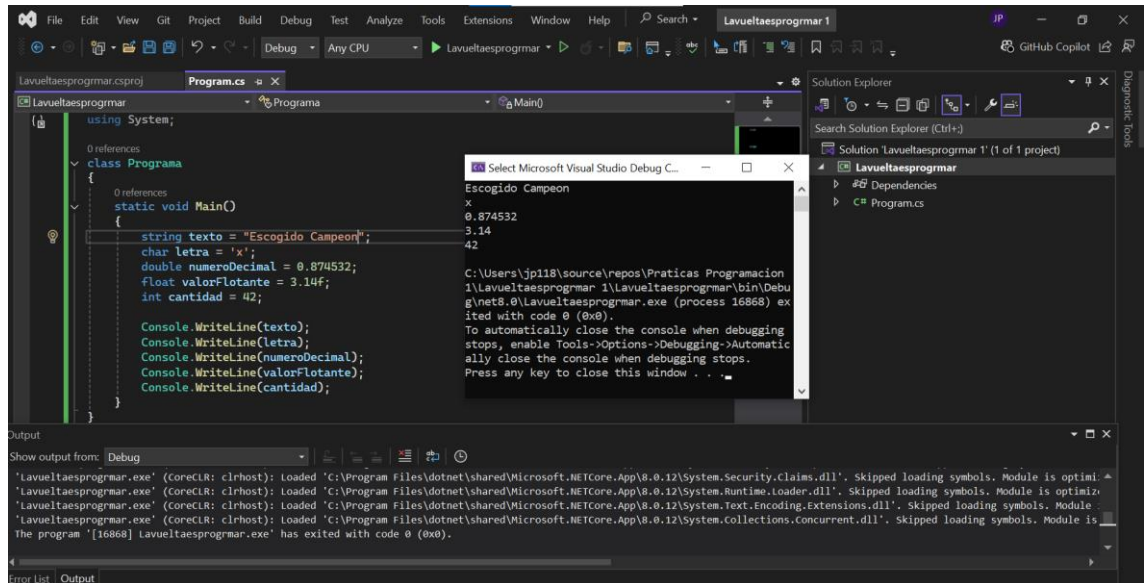


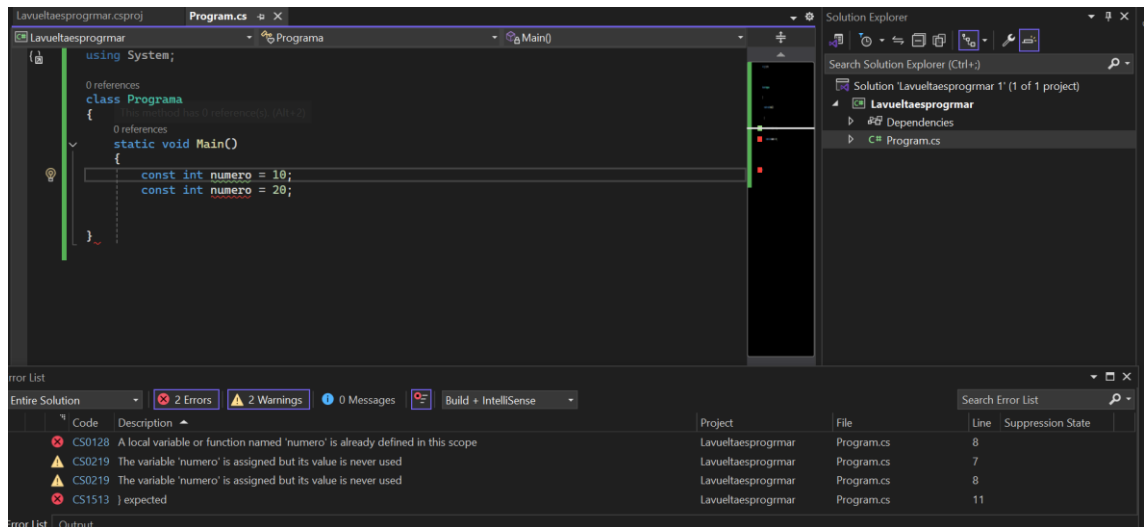
# C# tarea inicial

**Mi Nombre Juan Sebastian Peña Estevez, Mi Matricula 2024-1732, Dia De Clase Lunes 6pm**

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

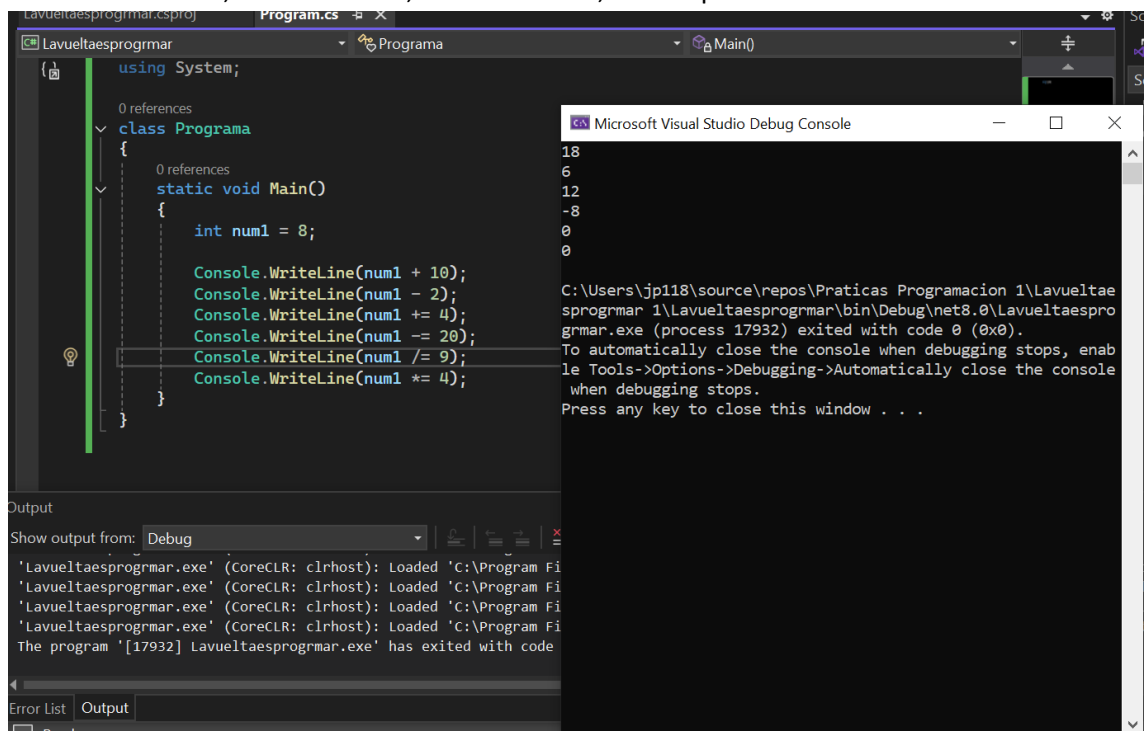


2. Buscar cómo se declara una constante en C# e imprimir el valor. Probar de cambiar su valor luego y ver que es lo que pasa.



## C# tarea inicial

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



The screenshot shows the Visual Studio IDE with a C# project named 'Lavueltaesprogrmar'. The code in 'Program.cs' defines a class 'Programa' with a static method 'Main()'. Inside 'Main()', an integer 'num1' is declared and initialized to 8. It then performs a series of operations: adding 10, subtracting 2, adding 4, subtracting 20, dividing by 9, and multiplying by 4. The results are printed to the console. The 'Microsoft Visual Studio Debug Console' window shows the output: 18, 6, 12, -8, 0, 0. The 'Output' window at the bottom shows the program's execution logs, including the message 'The program '[17932] Lavueltaesprogrmar.exe' has exited with code 0 (0x0)'.

```
using System;

class Programa
{
    static void Main()
    {
        int num1 = 8;

        Console.WriteLine(num1 + 10);
        Console.WriteLine(num1 - 2);
        Console.WriteLine(num1 += 4);
        Console.WriteLine(num1 -= 20);
        Console.WriteLine(num1 /= 9);
        Console.WriteLine(num1 *= 4);
    }
}
```

Microsoft Visual Studio Debug Console

```
18
6
12
-8
0
0

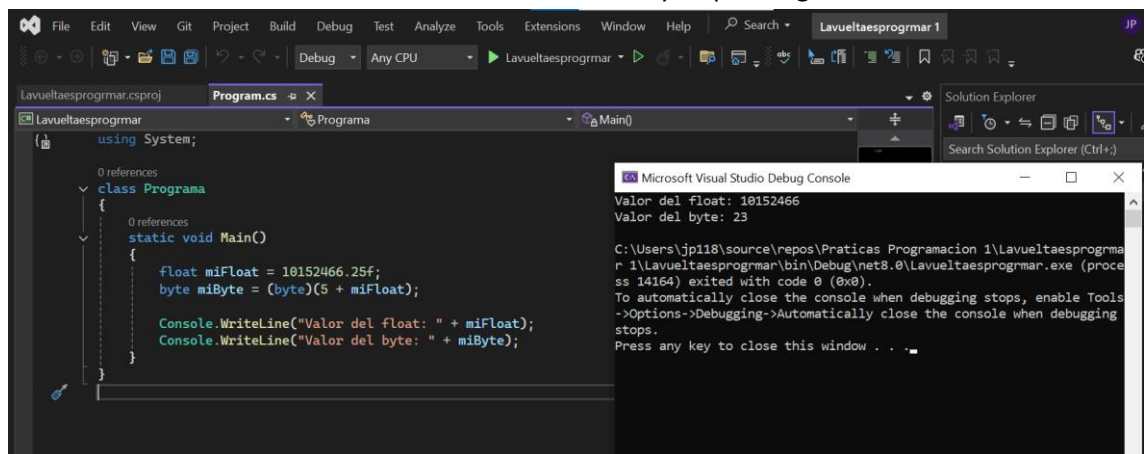
C:\Users\jpi18\source\repos\Praticas Programacion 1\Lavueltaesprogrmar 1\Lavueltaesprogrmar\bin\Debug\net8.0\Lavueltaesprogrmar.exe (process 17932) exited with code 0 (0x0).
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

Output

Show output from: Debug

```
'Lavueltaesprogrmar.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\Microsoft.NET\Framework64\Xamarin\Xamarin.iOS.dll'.
'Lavueltaesprogrmar.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\Microsoft.NET\Framework64\Xamarin\Xamarin.iOS.dll'.
'Lavueltaesprogrmar.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\Microsoft.NET\Framework64\Xamarin\Xamarin.iOS.dll'.
'Lavueltaesprogrmar.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\Microsoft.NET\Framework64\Xamarin\Xamarin.iOS.dll'.
The program '[17932] Lavueltaesprogrmar.exe' has exited with code 0 (0x0).
```

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



The screenshot shows the Visual Studio IDE with the same C# project. The code in 'Program.cs' is updated to declare a float 'miFloat' with the value 10152466.25f. A byte 'miByte' is then declared and assigned the value of 5 plus 'miFloat', which is cast to a byte. The code prints the values of 'miFloat' and 'miByte'. The 'Microsoft Visual Studio Debug Console' window shows the output: 'Valor del float: 10152466' and 'Valor del byte: 23'. The 'Output' window at the bottom shows the program's execution logs, including the message 'The program '[14164] Lavueltaesprogrmar.exe' has exited with code 0 (0x0)'.

```
using System;

class Programa
{
    static void Main()
    {
        float miFloat = 10152466.25f;
        byte miByte = (byte)(5 + miFloat);

        Console.WriteLine("Valor del float: " + miFloat);
        Console.WriteLine("Valor del byte: " + miByte);
    }
}
```

Microsoft Visual Studio Debug Console

```
Valor del float: 10152466
Valor del byte: 23

C:\Users\jpi18\source\repos\Praticas Programacion 1\Lavueltaesprogrmar 1\Lavueltaesprogrmar\bin\Debug\net8.0\Lavueltaesprogrmar.exe (process 14164) exited with code 0 (0x0).
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

Output

Show output from: Debug

```
'Lavueltaesprogrmar.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\Microsoft.NET\Framework64\Xamarin\Xamarin.iOS.dll'.
'Lavueltaesprogrmar.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\Microsoft.NET\Framework64\Xamarin\Xamarin.iOS.dll'.
'Lavueltaesprogrmar.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\Microsoft.NET\Framework64\Xamarin\Xamarin.iOS.dll'.
'Lavueltaesprogrmar.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\Microsoft.NET\Framework64\Xamarin\Xamarin.iOS.dll'.
The program '[14164] Lavueltaesprogrmar.exe' has exited with code 0 (0x0).
```

## C# tarea inicial

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

