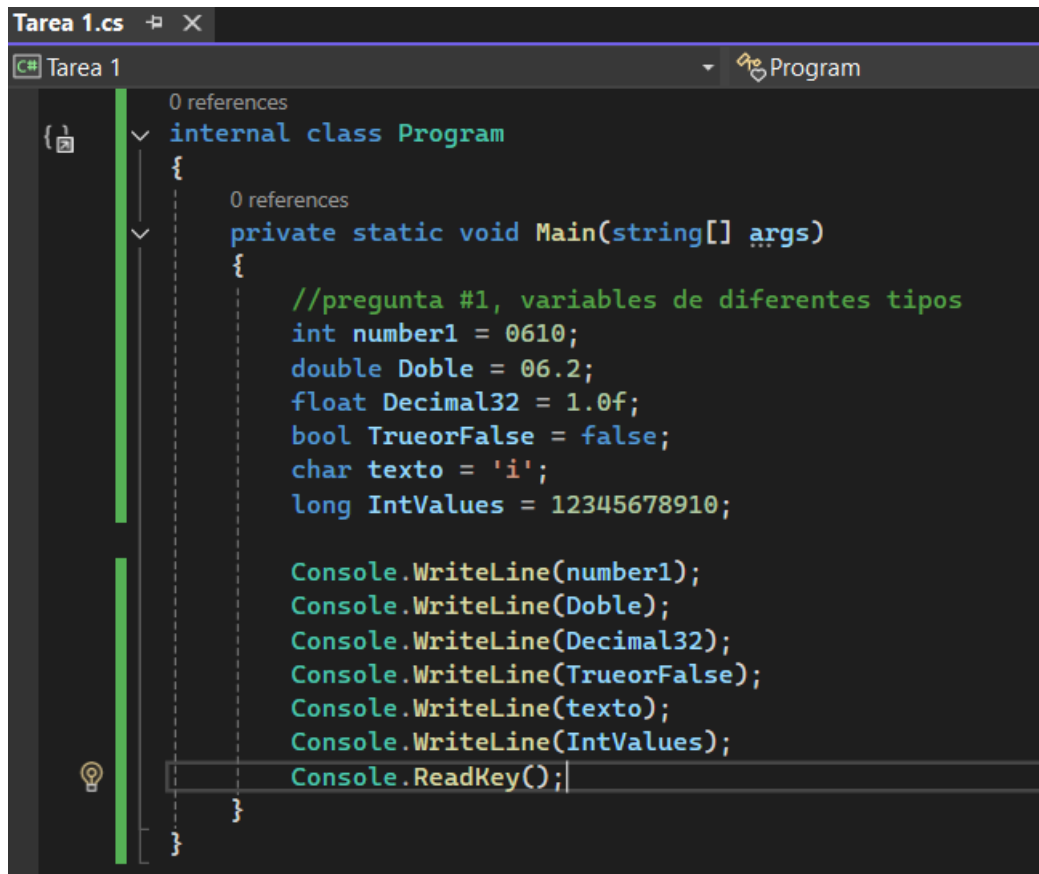


# C# tarea inicial

Leonardo Antonio Soriano Marmolejos, 2024-1746, Lunes

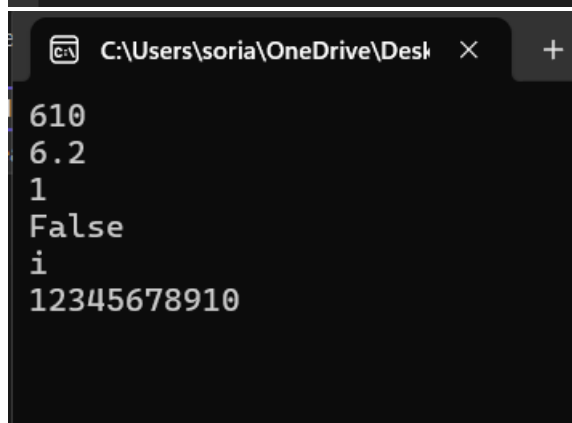
1. Declarar variable de los diferentes tipos, asignarles valor e imprimir el valor.



The screenshot shows a Visual Studio editor window titled 'Tarea 1.cs'. The code is written in C# and defines an internal class named 'Program'. Inside the class, there is a static method 'Main' that takes an array of strings as an argument. The method contains several variable declarations and assignments: an integer 'number1' with value 0610, a double 'Doble' with value 06.2, a float 'Decimal32' with value 1.0f, a boolean 'TrueorFalse' with value false, a char 'texto' with value 'i', and a long 'IntValues' with value 12345678910. These values are then printed to the console using 'Console.WriteLine'. Finally, 'Console.ReadKey()' is called to pause the program.

```
0 references
internal class Program
{
    0 references
    private static void Main(string[] args)
    {
        //pregunta #1, variables de diferentes tipos
        int number1 = 0610;
        double Doble = 06.2;
        float Decimal32 = 1.0f;
        bool TrueorFalse = false;
        char texto = 'i';
        long IntValues = 12345678910;

        Console.WriteLine(number1);
        Console.WriteLine(Doble);
        Console.WriteLine(Decimal32);
        Console.WriteLine(TrueorFalse);
        Console.WriteLine(texto);
        Console.WriteLine(IntValues);
        Console.ReadKey();
    }
}
```

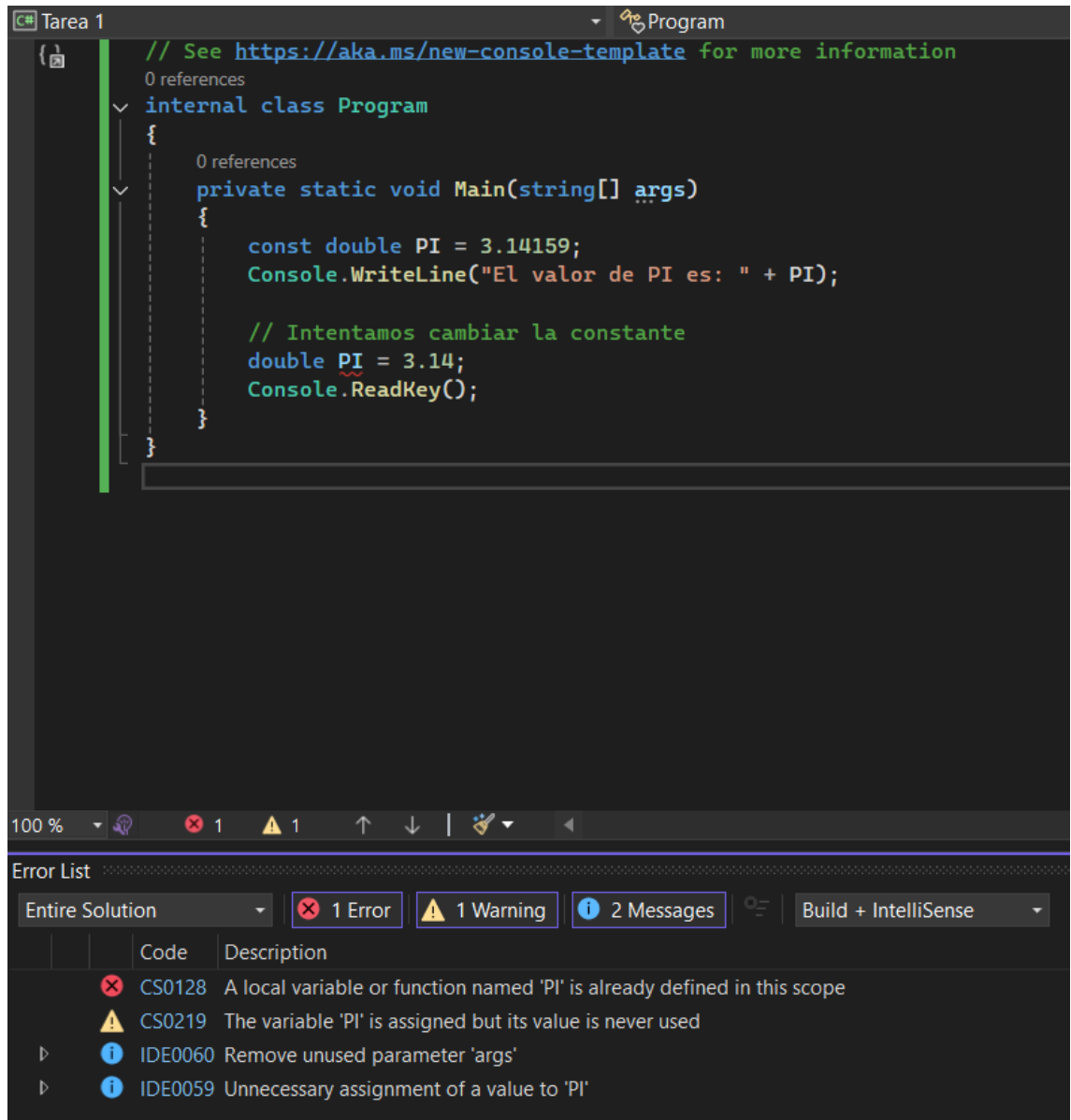


The screenshot shows a Windows command prompt window with the title bar 'C:\Users\soria\OneDrive\Desk'. The output of the program is displayed on separate lines: 610, 6.2, 1, False, i, and 12345678910.

```
610
6.2
1
False
i
12345678910
```

## 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.



The screenshot shows a C# IDE with a file named 'Tarea 1'. The code inside is as follows:

```
// See https://aka.ms/new-console-template for more information
0 references
internal class Program
{
    0 references
    private static void Main(string[] args)
    {
        const double PI = 3.14159;
        Console.WriteLine("El valor de PI es: " + PI);

        // Intentamos cambiar la constante
        double PI = 3.14;
        Console.ReadKey();
    }
}
```

Below the code editor, the 'Error List' is visible, showing the following messages:

Code	Description
CS0128	A local variable or function named 'PI' is already defined in this scope
CS0219	The variable 'PI' is assigned but its value is never used
IDE0060	Remove unused parameter 'args'
IDE0059	Unnecessary assignment of a value to 'PI'

## C# tarea inicial

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

```
Program.cs  Program
Tarea 1
// See https://aka.ms/new-console-template for more information
0 references
internal class Program
{
    0 references
    private static void Main(string[] args)
    {
        int numero = 10;
        Console.WriteLine("Entero normal: " + numero);

        // Incremento
        numero++;
        Console.WriteLine("Después de incrementar: " + numero);

        // Decremento
        numero--; // Decrementa en 1
        Console.WriteLine("Después de decrementar: " + numero);

        // Realizar operaciones con el valor
        int suma = numero + 5;
        int resta = numero - 3;
        int multiplicacion = numero * 2;
        int division = numero / 2;

        Console.WriteLine("Suma, numero + 5: " + suma);
        Console.WriteLine("Resta, numero - 3): " + resta);
        Console.WriteLine("Multiplicación, numero * 2: " + multiplicacion);
        Console.WriteLine("División, numero / 2: " + division);
        Console.ReadKey();
    }
}
```

```
Entero normal: 10
Después de incrementar: 11
Después de decrementar: 10
Suma, numero + 5: 15
Resta, numero - 3): 7
Multiplicación, numero * 2: 20
División, numero / 2: 5
|
```

## C# tarea inicial

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

```
internal class Program
{
    0 references
    private static void Main(string[] args)
    {
        float nitido = 10152466.25f;
        byte valorbyte = (byte)(5+nitido);
        Console.WriteLine(valorbyte);
        Console.ReadKey();
    }
}
```

C:\Users\soria\

23

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

```
Program.cs
Tarea 1
// See https://aka.ms/new-console-template for more information
0 references
internal class Program
{
    0 references
    private static void Main(string[] args)
    {
        // Pregunta #5, Imprimir fecha y hora del sistema
        DateTime fechayHora = DateTime.Now;

        Console.WriteLine("Fecha y hora: " + fechayHora);

        Console.ReadKey();
    }
}
```

C:\Users\soria\OneDrive\Des

Fecha y hora: 6/2/2025 4:38:33 p. m.