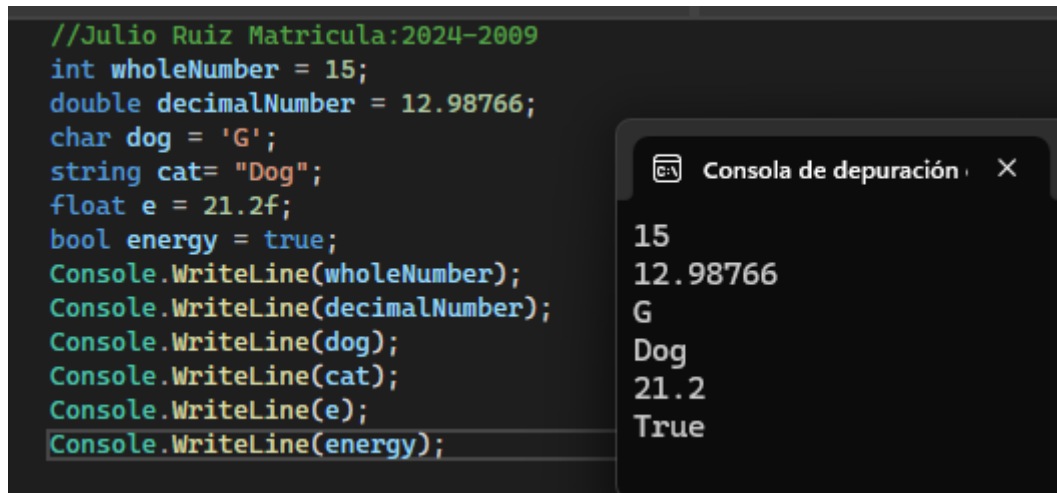


C# tarea inicial

Julio Ruiz, 2024-2009, Viernes

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

```
//Julio Ruiz Matricula:2024-2009
int wholeNumber = 15;
double decimalNumber = 12.98766;
char dog = 'G';
string cat= "Dog";
float e = 21.2f;
bool energy = true;
Console.WriteLine(wholeNumber);
Console.WriteLine(decimalNumber);
Console.WriteLine(dog);
Console.WriteLine(cat);
Console.WriteLine(e);
Console.WriteLine(energy);
```

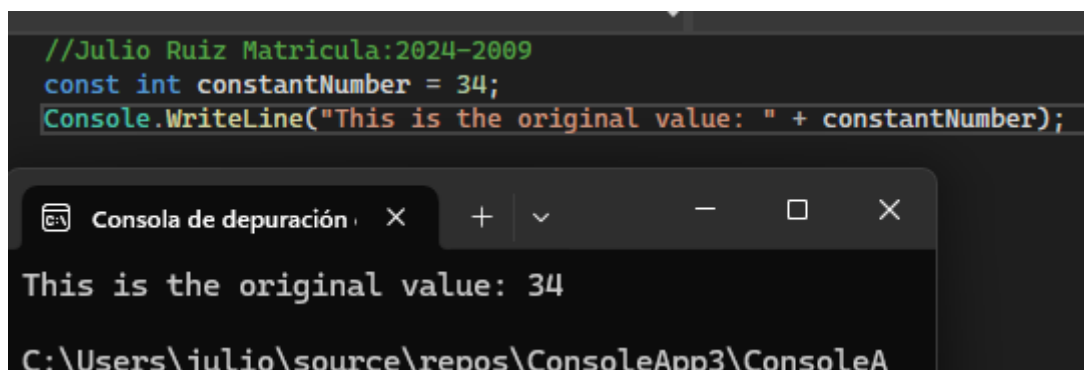


The screenshot shows a C# console application. The code declares variables of various types: int, double, char, string, float, and bool. Each variable is assigned a value and then printed to the console using Console.WriteLine. The output of the program is displayed in a separate window titled 'Consola de depuración'.

Variable	Value
wholeNumber	15
decimalNumber	12.98766
dog	G
cat	Dog
e	21.2
energy	True

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.
Sin cambio

```
//Julio Ruiz Matricula:2024-2009
const int constantNumber = 34;
Console.WriteLine("This is the original value: " + constantNumber);
```



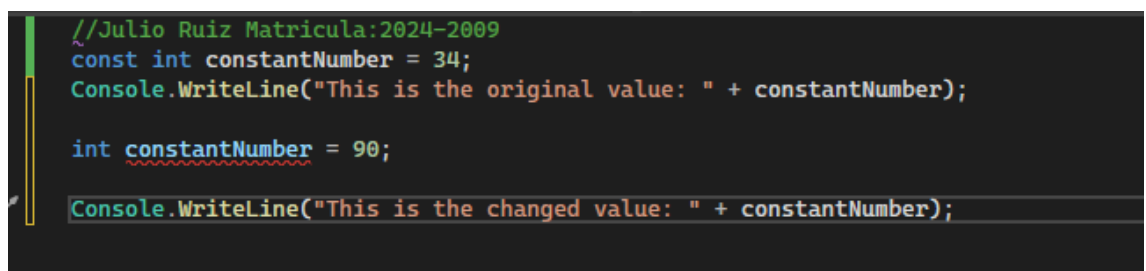
The screenshot shows a C# console application. The code declares a constant variable 'constantNumber' of type int and assigns it the value 34. It then prints the value to the console using Console.WriteLine. The output of the program is displayed in a separate window titled 'Consola de depuración'.

Variable	Value
constantNumber	34

con intento de cambio me dio error

```
//Julio Ruiz Matricula:2024-2009
const int constantNumber = 34;
Console.WriteLine("This is the original value: " + constantNumber);

int constantNumber = 90;
Console.WriteLine("This is the changed value: " + constantNumber);
```



The screenshot shows a C# console application. The code declares a constant variable 'constantNumber' of type int and assigns it the value 34. It then prints the value to the console using Console.WriteLine. Below this, it attempts to declare a new variable 'constantNumber' of type int and assign it the value 90. This results in a compiler error because 'constantNumber' is already declared as a constant and its value cannot be changed.

C# tarea inicial

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

```
//Julio Ruiz Matricula:2024-2009
int number = 15;

number ++;
Console.WriteLine("Number after increase: " + number);

number --;
Console.WriteLine("Number after decrease: " + number);

int sum = number + 1234;
int subtract = number - 1234;
int Division = number / 76;
int product = number * 123;

Console.WriteLine("Sum result: " + sum);
Console.WriteLine("Subtraction result: " + subtract);
Console.WriteLine("Division result: " + Division);
Console.WriteLine("Multiplication result: " + product);
```

Consola de depuración

```
Number after increase: 16
Number after decrease: 15
Sum result: 1249
Subtraction result: -1219
Division result: 0
Multiplication result: 1845

C:\Users\julio\source\repos\ConsoleApp3\ConsoleApp3\bin\Debug\net8.0\ConsoleApp3.exe (proceso 7740) se cerró con el código 0 (0x0).
Presione cualquier tecla para cerrar esta ventana.
a. . .
```

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

```
//Julio Ruiz Matricula:2024-2009
float Guts = 10152466.25f;
byte Folklore = 5;

float yes = Folklore + Guts;
Console.WriteLine(yes);
```

Consola de depuración

```
10152471

C:\Users\julio\source\repos\ConsoleApp3\bin\Debug\net8.0\ConsoleApp3.exe (proceso 7740) se cerró con el código 0 (0x0).
Presione cualquier tecla para cerrar esta ventana.
a. . .
```

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

```
1 //Julio Ruiz Matricula:2024-2009
2 /*This one of the comments i'll be using in this program*/
3 //Another comment
4 DateTime timeofday = DateTime.Now;
5 Console.WriteLine(timeofday.ToString("%f%"));
```

Consola de depuración

```
jueves, 29 de mayo de 2025 10:49 p. m.

C:\Users\julio\source\repos\ConsoleApp3\ConsoleApp3\bin\Debug\net8.0\ConsoleApp3.exe (proceso 17792) se cerró con el código 0 (0x0).
Presione cualquier tecla para cerrar esta ventana.
a. . .
```