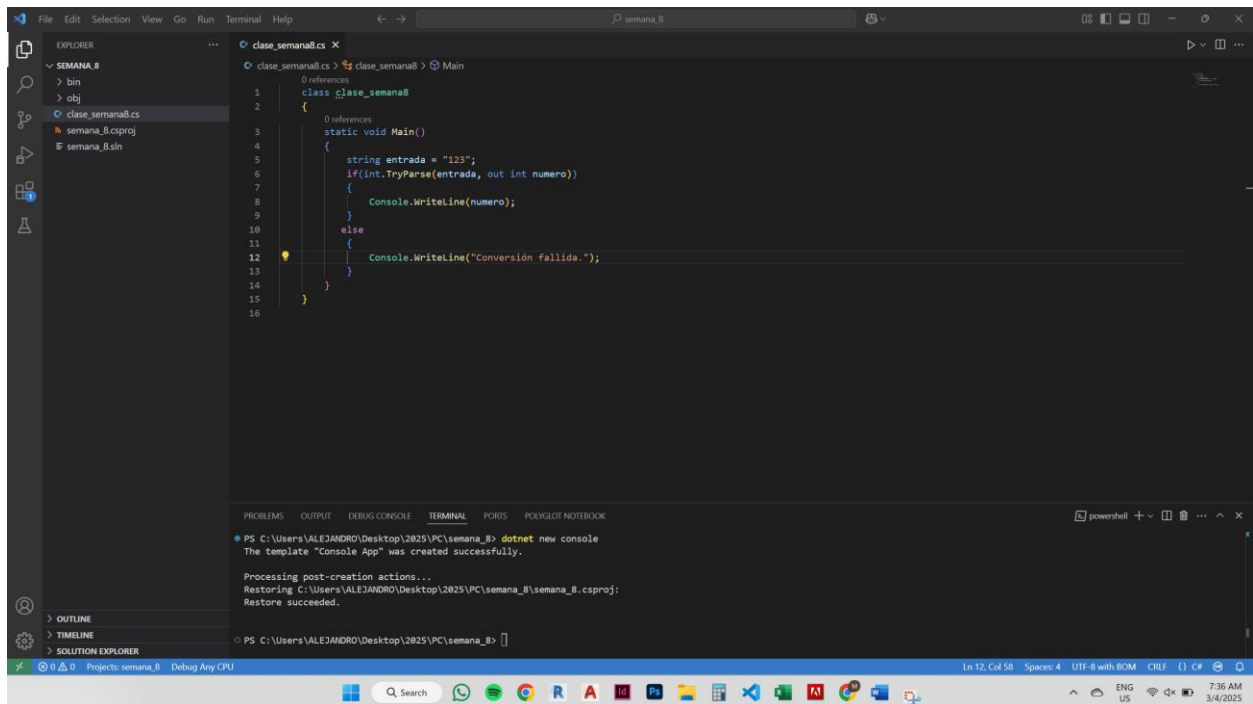
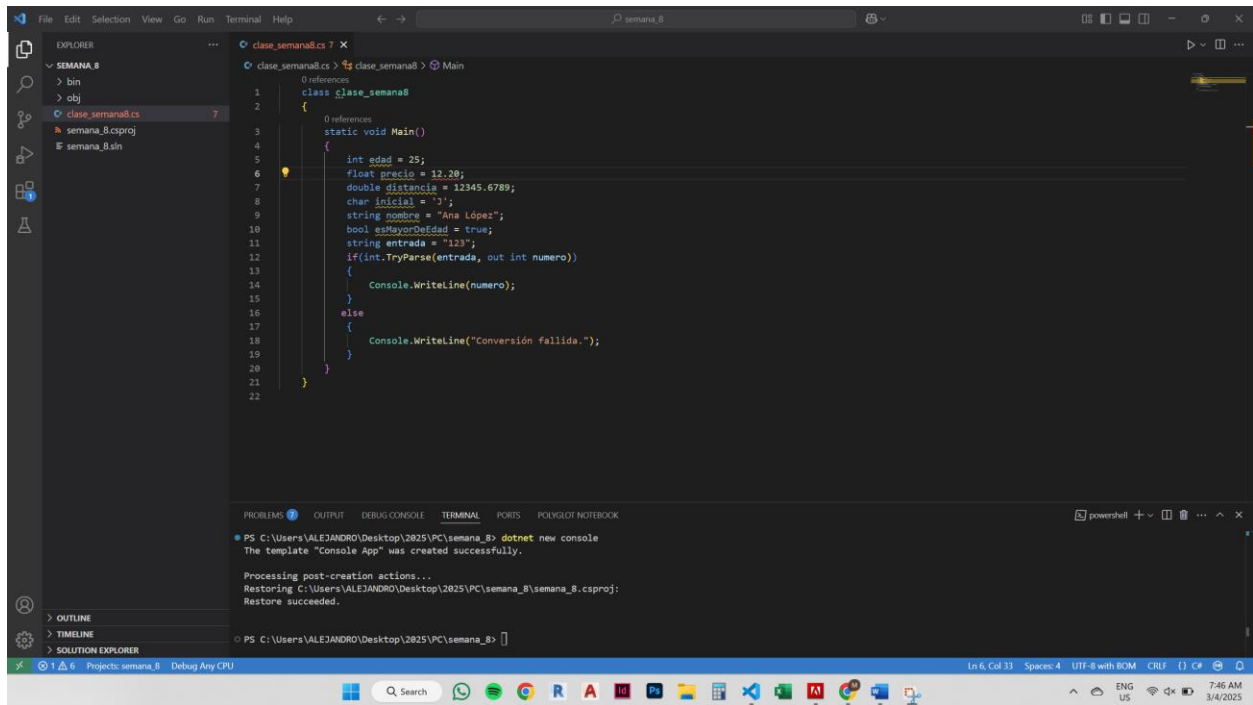


Martin Andres Morales Mazariegos 1217025 semana 8

1.



2.



3. Float necesita la f para pedirle a la consola que aunque el numero ya tenga pocos decimales lo vuelva float.

```
1 class clase_semana8
2 {
3     0 references
4     static void Main()
5     {
6         int edad = 25;
7         float precio = 12.20f;
8         double distancia = 12345.6789;
9         char inicial = 'J';
10        string nombre = "Ana López";
11        bool esMayorDeEdad = true;
12        string entrada = "123";
13        if(int.TryParse(entrada, out int numero))
14        {
15            Console.WriteLine(numero);
16        }
17        else
18        {
19            Console.WriteLine("Conversión fallida.");
20        }
21    }
22 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POLYGLOT NOTEBOOK

PS C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8> dotnet new console
The template "Console App" was created successfully.

Processing post-creation actions...
Restoring C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\semana_8.csproj:
Restore succeeded.

PS C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8> |

- 4.

```
1 class clase_semana8
2 {
3     0 references
4     static void Main()
5     {
6         int nota1 = 10, nota2 = 20, nota3 = 30, nota4 = 40;
7         float precio = 12.20f;
8         double distancia = 12345.6789;
9         char inicial = 'J';
10        string nombre = "Ana López";
11        bool esMayorDeEdad = true;
12        string entrada = "123";
13        Console.WriteLine("Nombre: " + nombre + ", Nota1: " + nota1);
14        if(int.TryParse(entrada, out int numero))
15        {
16            Console.WriteLine(numero);
17        }
18        else
19        {
20            Console.WriteLine("Conversión fallida.");
21        }
22    }
23 }
24 }
```

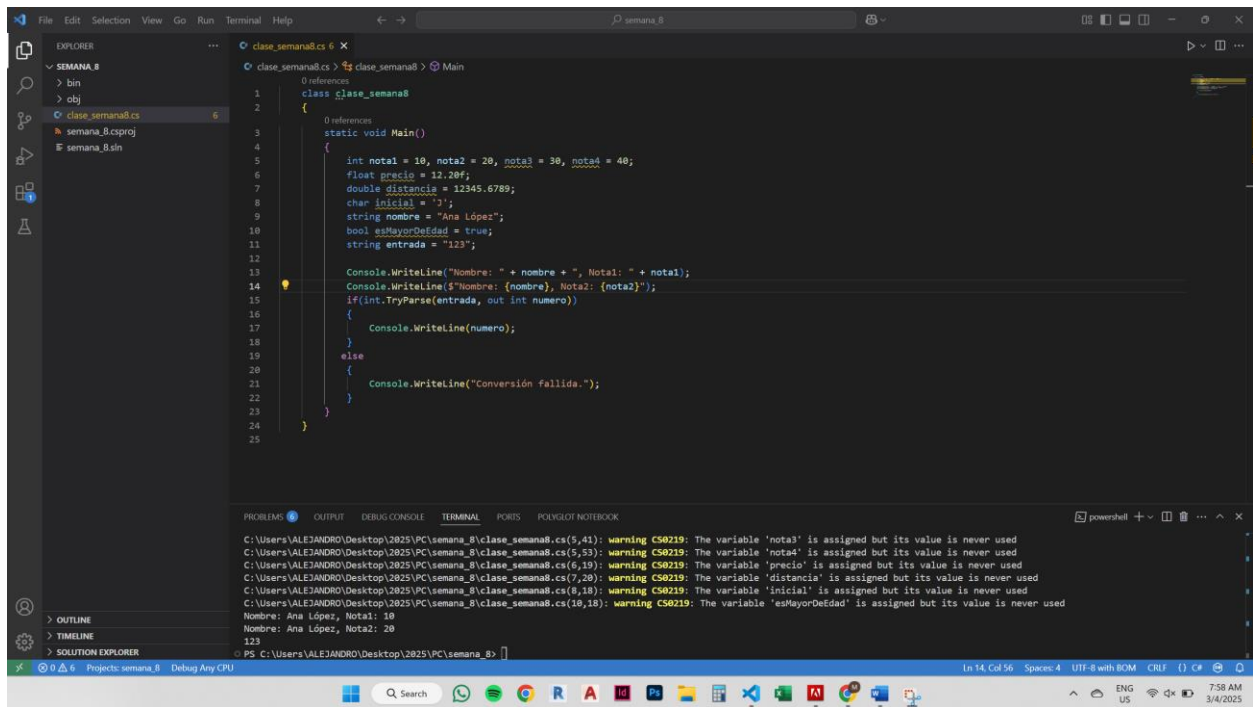
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POLYGLOT NOTEBOOK

C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\clase_semana8.cs(5,29): warning CS0219: The variable 'nota2' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\clase_semana8.cs(5,41): warning CS0219: The variable 'nota3' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\clase_semana8.cs(5,53): warning CS0219: The variable 'nota4' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\clase_semana8.cs(6,19): warning CS0219: The variable 'precio' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\clase_semana8.cs(7,20): warning CS0219: The variable 'distancia' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\clase_semana8.cs(8,18): warning CS0219: The variable 'inicial' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\clase_semana8.cs(10,18): warning CS0219: The variable 'esMayorDeEdad' is assigned but its value is never used

Nombre: Ana López, Nota1: 10
123

PS C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8> |

5.



The screenshot shows a Visual Studio IDE with a C# project named 'SEMANA_8'. The file 'class_semana8.cs' is open, showing a class with a static void Main() method. The code defines several variables: 'nota1' (10), 'nota2' (20), 'nota3' (30), 'nota4' (40), 'precio' (12.20f), 'distancia' (12345.6789), 'inicial' ('?'), 'nombre' ('Ana López'), 'esMayorDeEdad' (true), and 'entrada' ('123'). The Main method uses Console.WriteLine to output the name and 'Nota2', and then attempts to parse the 'entrada' string into an integer. The output window shows the results: 'Nombre: Ana López, Nota2: 20' and '123'. The Problems window shows several CS0219 warnings for unused variables.

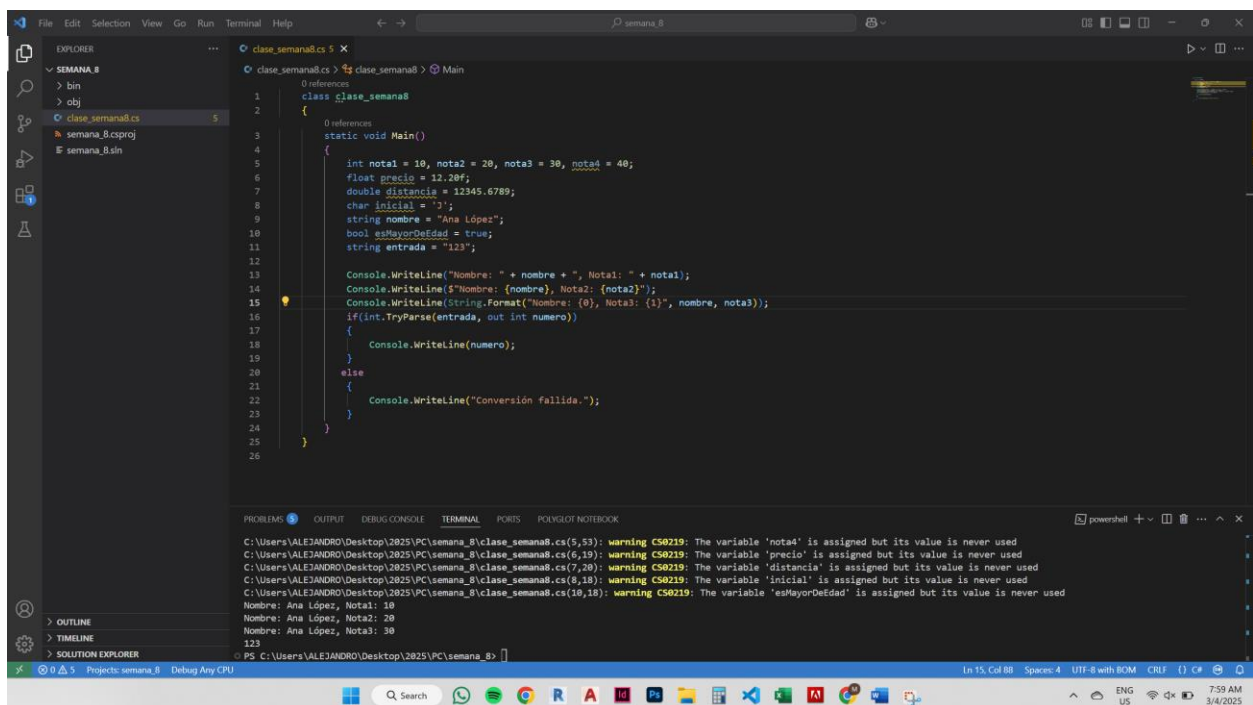
```
1 class class_semana8
2 {
3     static void Main()
4     {
5         int nota1 = 10, nota2 = 20, nota3 = 30, nota4 = 40;
6         float precio = 12.20f;
7         double distancia = 12345.6789;
8         char inicial = '?';
9         string nombre = "Ana López";
10        bool esMayorDeEdad = true;
11        string entrada = "123";
12
13        Console.WriteLine("Nombre: " + nombre + ", Nota2: " + nota2);
14        Console.WriteLine($"Nombre: {nombre}, Nota2: {nota2}");
15        if(int.TryParse(entrada, out int numero))
16        {
17            Console.WriteLine(numero);
18        }
19        else
20        {
21            Console.WriteLine("Conversión fallida.");
22        }
23    }
24 }
25
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POLYGLOT NOTEBOOK

C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(5,41): warning CS0219: The variable 'nota3' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(5,53): warning CS0219: The variable 'nota4' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(6,19): warning CS0219: The variable 'precio' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(7,20): warning CS0219: The variable 'distancia' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(8,18): warning CS0219: The variable 'inicial' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(10,18): warning CS0219: The variable 'esMayorDeEdad' is assigned but its value is never used

Nombre: Ana López, Nota2: 20
123

6. String Format



The screenshot shows the same Visual Studio IDE with the same C# project. The code is modified to use String.Format for output. The Main method now outputs 'Nombre: Ana López, Nota2: 20' and 'Nombre: {0}, Nota3: {1}'. The output window shows the results: 'Nombre: Ana López, Nota2: 20' and 'Nombre: {0}, Nota3: {1}'. The Problems window shows the same CS0219 warnings for unused variables.

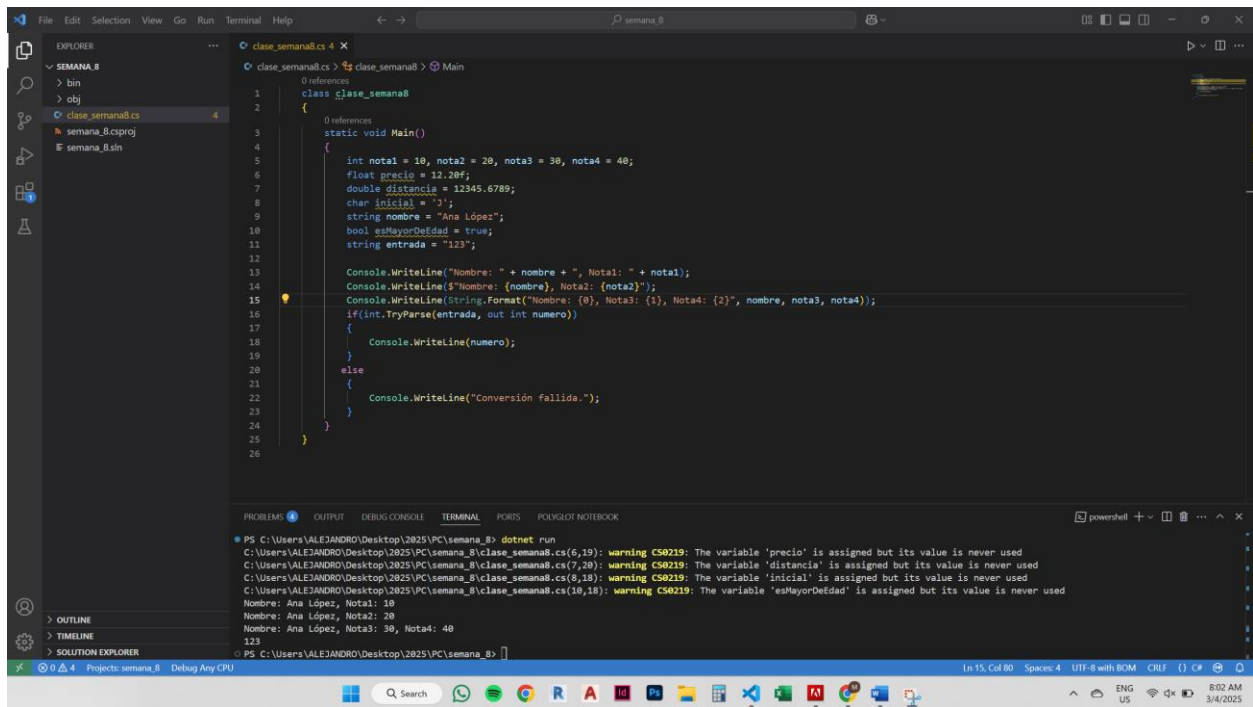
```
1 class class_semana8
2 {
3     static void Main()
4     {
5         int nota1 = 10, nota2 = 20, nota3 = 30, nota4 = 40;
6         float precio = 12.20f;
7         double distancia = 12345.6789;
8         char inicial = '?';
9         string nombre = "Ana López";
10        bool esMayorDeEdad = true;
11        string entrada = "123";
12
13        Console.WriteLine("Nombre: " + nombre + ", Nota2: " + nota2);
14        Console.WriteLine($"Nombre: {nombre}, Nota2: {nota2}");
15        Console.WriteLine(String.Format("Nombre: {0}, Nota3: {1}", nombre, nota3));
16        if(int.TryParse(entrada, out int numero))
17        {
18            Console.WriteLine(numero);
19        }
20        else
21        {
22            Console.WriteLine("Conversión fallida.");
23        }
24    }
25 }
26
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POLYGLOT NOTEBOOK

C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(5,53): warning CS0219: The variable 'nota4' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(6,19): warning CS0219: The variable 'precio' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(7,20): warning CS0219: The variable 'distancia' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(8,18): warning CS0219: The variable 'inicial' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(10,18): warning CS0219: The variable 'esMayorDeEdad' is assigned but its value is never used

Nombre: Ana López, Nota2: 20
Nombre: {0}, Nota3: 30
123

7. Otra forma String Format

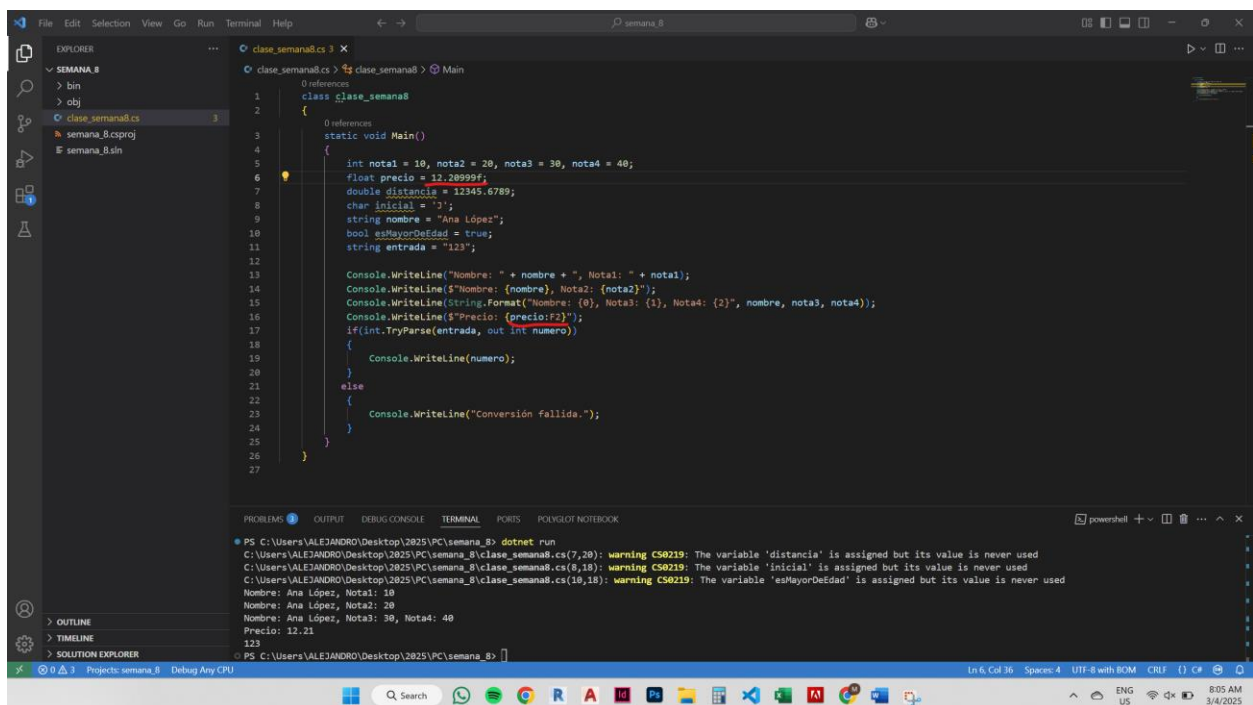


```
1 class class_semana8
2 {
3     static void Main()
4     {
5         int nota1 = 10, nota2 = 20, nota3 = 30, nota4 = 40;
6         float precio = 12.20f;
7         double distancia = 12345.6789;
8         char inicial = 'J';
9         string nombre = "Ana López";
10        bool esMayorDeEdad = true;
11        string entrada = "123";
12
13        Console.WriteLine("Nombre: " + nombre + ", Nota1: " + nota1);
14        Console.WriteLine($"Nombre: {nombre}, Nota2: {nota2}");
15        Console.WriteLine(String.Format("Nombre: {0}, Nota3: {1}, Nota4: {2}", nombre, nota3, nota4));
16        if(int.TryParse(entrada, out int numero))
17        {
18            Console.WriteLine(numero);
19        }
20        else
21        {
22            Console.WriteLine("Conversión fallida.");
23        }
24    }
25 }
26
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POLYGLOT NOTEBOOK

```
PS C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8> dotnet run
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(6,19): warning CS0219: The variable 'precio' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(7,20): warning CS0219: The variable 'distancia' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(8,18): warning CS0219: The variable 'inicial' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(10,18): warning CS0219: The variable 'esMayorDeEdad' is assigned but its value is never used
Nombre: Ana López, Nota1: 10
Nombre: Ana López, Nota2: 20
Nombre: Ana López, Nota3: 30, Nota4: 40
123
```

8.



```
1 class class_semana8
2 {
3     static void Main()
4     {
5         int nota1 = 10, nota2 = 20, nota3 = 30, nota4 = 40;
6         float precio = 12.209999f;
7         double distancia = 12345.6789;
8         char inicial = 'J';
9         string nombre = "Ana López";
10        bool esMayorDeEdad = true;
11        string entrada = "123";
12
13        Console.WriteLine("Nombre: " + nombre + ", Nota1: " + nota1);
14        Console.WriteLine($"Nombre: {nombre}, Nota2: {nota2}");
15        Console.WriteLine(String.Format("Nombre: {0}, Nota3: {1}, Nota4: {2}", nombre, nota3, nota4));
16        Console.WriteLine($"Precio: {precio:F2}");
17        if(int.TryParse(entrada, out int numero))
18        {
19            Console.WriteLine(numero);
20        }
21        else
22        {
23            Console.WriteLine("Conversión fallida.");
24        }
25    }
26 }
27
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POLYGLOT NOTEBOOK

```
PS C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8> dotnet run
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(7,20): warning CS0219: The variable 'distancia' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(8,18): warning CS0219: The variable 'inicial' is assigned but its value is never used
C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8\class_semana8.cs(10,18): warning CS0219: The variable 'esMayorDeEdad' is assigned but its value is never used
Nombre: Ana López, Nota1: 10
Nombre: Ana López, Nota2: 20
Nombre: Ana López, Nota3: 30, Nota4: 40
Precio: 12.21
123
```

9.

```
File Edit Selection View Go Run Terminal Help
clase_semana8.cs 5 X
class clase_semana8
{
    static void Main()
    {
        decimal salario = 75000.00m;
        int numero = 0;

        Console.WriteLine("Nombre: " + nombre + ", Nota1: " + nota1);
        Console.WriteLine($"Nombre: {nombre}, Nota2: {nota2}");
        Console.WriteLine(String.Format("Nombre: {0}, Nota3: {1}, Nota4 {2}", nombre, nota3, nota4));
        Console.WriteLine($"Precio: {precio:F2}");

        while (true)
        {
            Console.WriteLine("Ingrese un número válido: ");
            entrada = Console.ReadLine();

            if (int.TryParse(entrada, out numero))
            {
                break;
            }
            else
            {
                Console.WriteLine("Entrada inválida. Inténtalo de nuevo.");
            }
        }

        Console.WriteLine($"Número válido ingresado: {numero}");
    }
}
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS PONGLOT NOTEBOOK

```
PS C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8> dotnet run
Nombre: Ana López, Nota1: 10
Nombre: Ana López, Nota2: 20
Nombre: Ana López, Nota3: 30, Nota4 40
Precio: 12.21
Ingrese un número válido: casa
Entrada inválida. Inténtalo de nuevo.
Ingrese un número válido: 14
Número válido ingresado: 14
PS C:\Users\VALEJANDRO\Desktop\2025\PC\semana_8>
```

Project: semana_8 Debug Any CPU

Ln 5, Col 9 Space: 4 UTF-8 with BOM CRLF (1) C#

ENG US 8:16 AM 3/4/2025