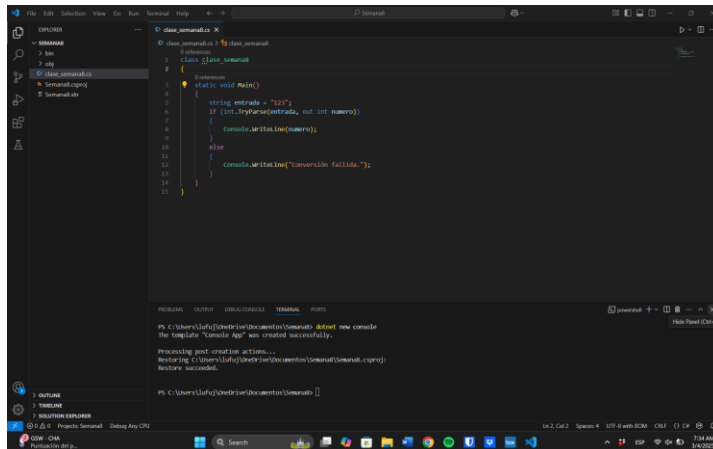


Luis David García Elías

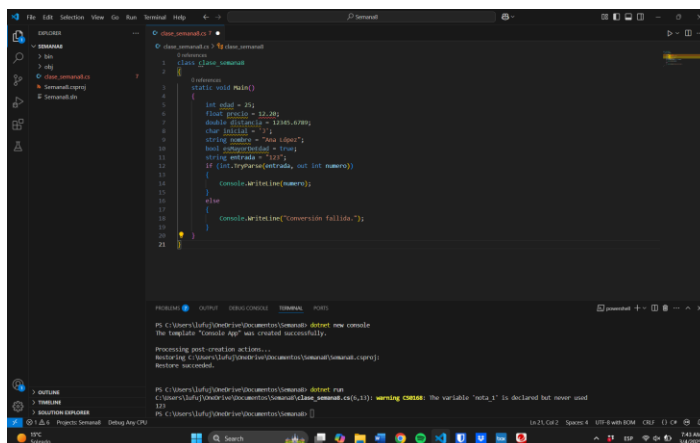
1) Inicio



```
class_semanal.cs
1 class class_semanal
2 {
3     // statements
4     static void Main()
5     {
6         string entrada = "123";
7         if (int.TryParse(entrada, out int numero))
8         {
9             Console.WriteLine(numero);
10        }
11        else
12        {
13            Console.WriteLine("Conversion fallida.");
14        }
15    }
16 }
```

PS C:\Users\lufu\Documents\semanal> dotnet new console
The template "Console App" was created successfully.
Processing post-creation actions...
Restoring C:\Users\lufu\Documents\semanal\semanal.csproj...
Restore succeeded.

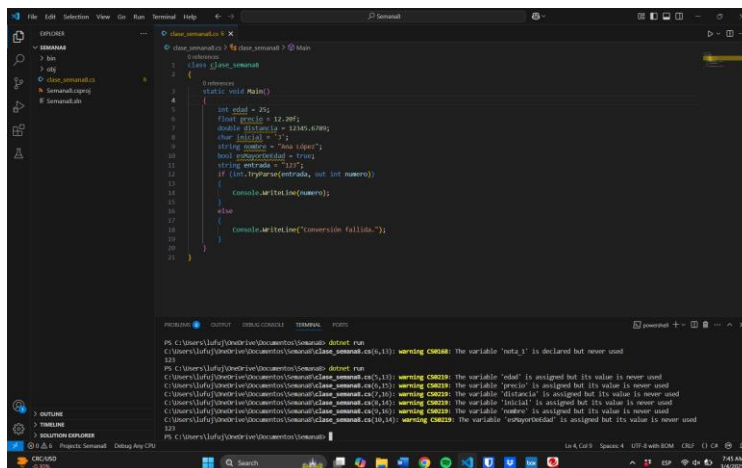
2)



```
class_semanal.cs
1 class class_semanal
2 {
3     // statements
4     static void Main()
5     {
6         int dist = 20;
7         float precio = 12.99f;
8         double distancia = 1288.4796;
9         char inicial = 'f';
10        string nombre = "Ana Lopez";
11        bool subterpretado = 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("Conversion fallida.");
20        }
21    }
22 }
```

PS C:\Users\lufu\Documents\semanal> dotnet run
PS C:\Users\lufu\Documents\semanal> warning CS0219: The variable 'nota_1' is declared but never used
123

3)float necesita la f



```
class_semanal.cs
1 class class_semanal
2 {
3     // statements
4     static void Main()
5     {
6         int dist = 20;
7         float precio = 12.99f;
8         double distancia = 1288.4796;
9         char inicial = 'f';
10        string nombre = "Ana Lopez";
11        bool subterpretado = 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("Conversion fallida.");
20        }
21    }
22 }
```

PS C:\Users\lufu\Documents\semanal> dotnet run
PS C:\Users\lufu\Documents\semanal> warning CS0219: The variable 'nota_1' is declared but never used
123
PS C:\Users\lufu\Documents\semanal> warning CS0219: The variable 'dist' is assigned but its value is never used
PS C:\Users\lufu\Documents\semanal> warning CS0219: The variable 'precio' is assigned but its value is never used
PS C:\Users\lufu\Documents\semanal> warning CS0219: The variable 'distancia' is assigned but its value is never used
PS C:\Users\lufu\Documents\semanal> warning CS0219: The variable 'inicial' is assigned but its value is never used
PS C:\Users\lufu\Documents\semanal> warning CS0219: The variable 'subterpretado' is assigned but its value is never used
123

4) Concatenar Datos

```
1 namespace somados
2 {
3     class class_somados
4     {
5     public static void Main()
6     {
7         int total = 30, total2 = 20, total3 = 30, total4 = 40;
8         float precio = 12.00f;
9         double distancia = 12345.6789;
10        char initial = '?';
11        string nombre = "Ana López";
12        bool subyortetdad = true;
13        string entrada = "123";
14
15        Console.WriteLine("Nombre: " + nombre + ", total: " + total);
16
17        if (int.TryParse(entrada, out int numero))
18        {
19            Console.WriteLine(numero);
20        }
21        else
22        {
23            Console.WriteLine("Conversione fallida.");
24        }
25    }
26 }
```

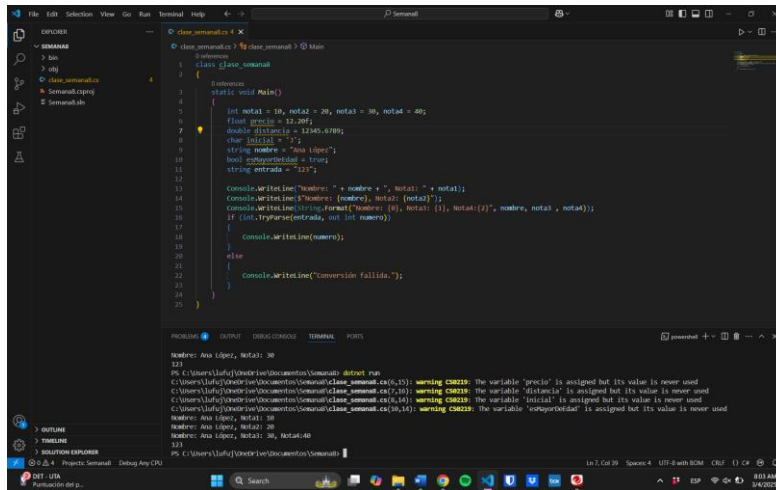
5) Interpolacion de cadenas

```
1 namespace somados
2 {
3     class class_somados
4     {
5     public static void Main()
6     {
7         int total = 30, total2 = 20, total3 = 30, total4 = 40;
8         float precio = 12.00f;
9         double distancia = 12345.6789;
10        char initial = '?';
11        string nombre = "Ana López";
12        bool subyortetdad = true;
13        string entrada = "123";
14
15        Console.WriteLine($"Nombre: {nombre}, total: {total}");
16
17        if (int.TryParse(entrada, out int numero))
18        {
19            Console.WriteLine(numero);
20        }
21        else
22        {
23            Console.WriteLine("Conversione fallida.");
24        }
25    }
26 }
```

6) String.Format

```
1 namespace somados
2 {
3     class class_somados
4     {
5     public static void Main()
6     {
7         int total = 30, total2 = 20, total3 = 30, total4 = 40;
8         float precio = 12.00f;
9         double distancia = 12345.6789;
10        char initial = '?';
11        string nombre = "Ana López";
12        bool subyortetdad = true;
13        string entrada = "123";
14
15        Console.WriteLine(String.Format("Nombre: {0}, total: {1}, nombre: {2}"));
16
17        if (int.TryParse(entrada, out int numero))
18        {
19            Console.WriteLine(numero);
20        }
21        else
22        {
23            Console.WriteLine("Conversione fallida.");
24        }
25    }
26 }
```

7) string.format otro ejemplo

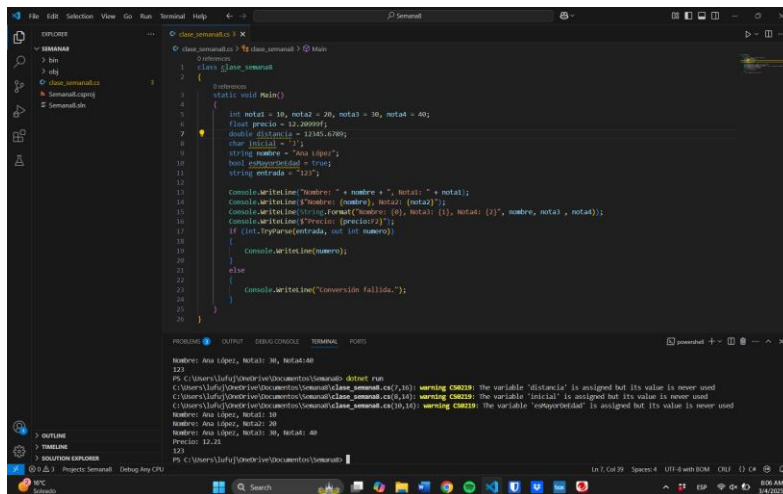


```
1 class Program
2 {
3     static void Main()
4     {
5         int notal = 10, notal2 = 20, notal3 = 30, notal4 = 40;
6         float precio = 12.009f;
7         double distancia = 12345.4789;
8         char inicial = 'A';
9         string nombre = "Ana Lopez";
10        bool subyortetada = true;
11        string entrada = "123";
12
13        Console.WriteLine("Nombre: " + nombre + ", Notal: " + notal);
14        Console.WriteLine($"Nombre: {nombre}, Notal: {notal}");
15        Console.WriteLine(String.Format("Nombre: {0}, Notal: {1}, Notal: {2}", nombre, notal, notal));
16        if (int.TryParse(entrada, out int numero))
17        {
18            Console.WriteLine(numero);
19        }
20        else
21        {
22            Console.WriteLine("Conversion fallida.");
23        }
24    }
25 }
```

Output:

```
Nombre: Ana Lopez, Notal: 10
123
Nombre: Ana Lopez, Notal: 20
Nombre: Ana Lopez, Notal: 30, Notal: 40
Nombre: Ana Lopez, Notal: 30
Nombre: Ana Lopez, Notal: 20
Nombre: Ana Lopez, Notal: 30, Notal: 40
123
```

8)

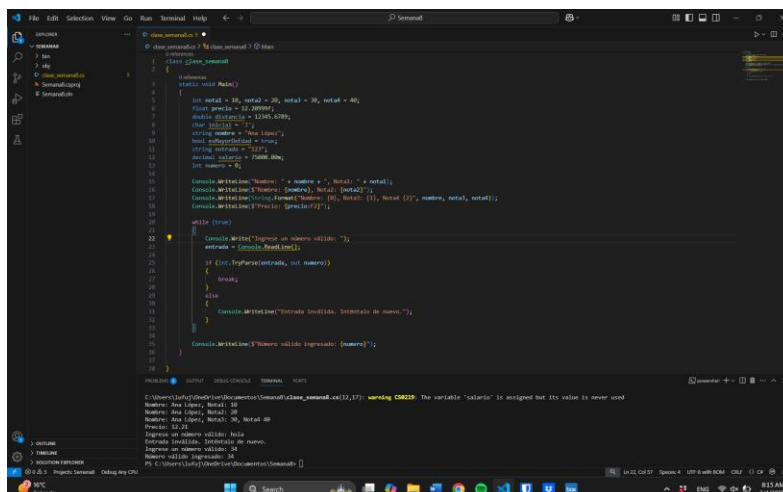


```
1 class Program
2 {
3     static void Main()
4     {
5         int notal = 10, notal2 = 20, notal3 = 30, notal4 = 40;
6         float precio = 12.009f;
7         double distancia = 12345.4789;
8         char inicial = 'A';
9         string nombre = "Ana Lopez";
10        bool subyortetada = true;
11        string entrada = "123";
12
13        Console.WriteLine("Nombre: " + nombre + ", Notal: " + notal);
14        Console.WriteLine($"Nombre: {nombre}, Notal: {notal}");
15        Console.WriteLine(String.Format("Nombre: {0}, Notal: {1}, Notal: {2}", nombre, notal, notal));
16        if (int.TryParse(entrada, out int numero))
17        {
18            Console.WriteLine(numero);
19        }
20        else
21        {
22            Console.WriteLine("Conversion fallida.");
23        }
24    }
25 }
```

Output:

```
Nombre: Ana Lopez, Notal: 10
123
Nombre: Ana Lopez, Notal: 20
Nombre: Ana Lopez, Notal: 30, Notal: 40
Nombre: Ana Lopez, Notal: 30
Nombre: Ana Lopez, Notal: 20
Nombre: Ana Lopez, Notal: 30, Notal: 40
123
```

9) Validacion



```
1 class Program
2 {
3     static void Main()
4     {
5         int notal = 10, notal2 = 20, notal3 = 30, notal4 = 40;
6         float precio = 12.009f;
7         double distancia = 12345.4789;
8         char inicial = 'A';
9         string nombre = "Ana Lopez";
10        bool subyortetada = true;
11        string entrada = "123";
12        decimal salario = 75000.00m;
13        int numero = 0;
14
15        Console.WriteLine("Nombre: " + nombre + ", Notal: " + notal);
16        Console.WriteLine($"Nombre: {nombre}, Notal: {notal}");
17        Console.WriteLine(String.Format("Nombre: {0}, Notal: {1}, Notal: {2}", nombre, notal, notal));
18        Console.WriteLine($"Precio: {precio}");
19
20        while (true)
21        {
22            Console.WriteLine("Ingrese un numero valido: ");
23            entrada = Console.ReadLine();
24
25            if (int.TryParse(entrada, out numero))
26            {
27                break;
28            }
29            else
30            {
31                Console.WriteLine("Entrada invalida. Intentalo de nuevo.");
32            }
33        }
34        Console.WriteLine($"Numero valido ingresado: {numero}");
35    }
36 }
```

Output:

```
Nombre: Ana Lopez, Notal: 10
Nombre: Ana Lopez, Notal: 20
Nombre: Ana Lopez, Notal: 30, Notal: 40
Precio: 12.01
Ingrese un numero valido: 123
Numero valido ingresado: 123
```