Pensamiento Computacional

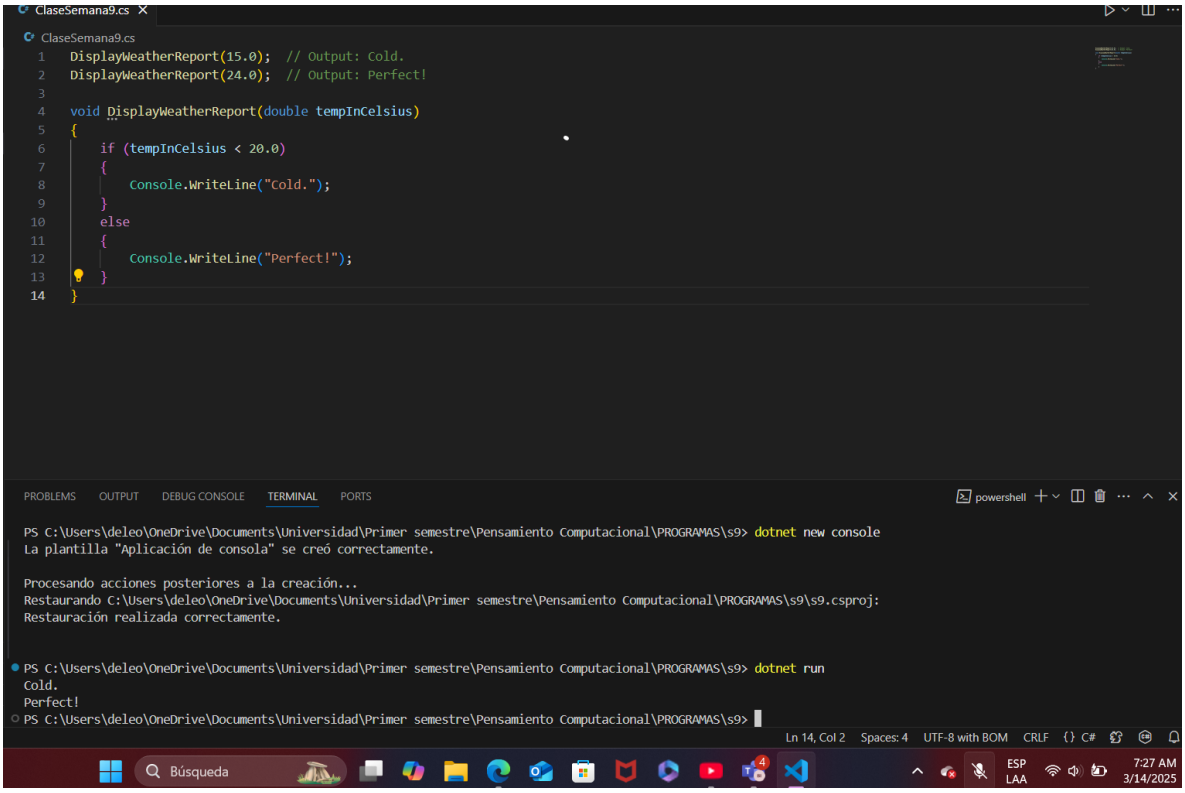
Sección 8

Semana 9 Actividad 3

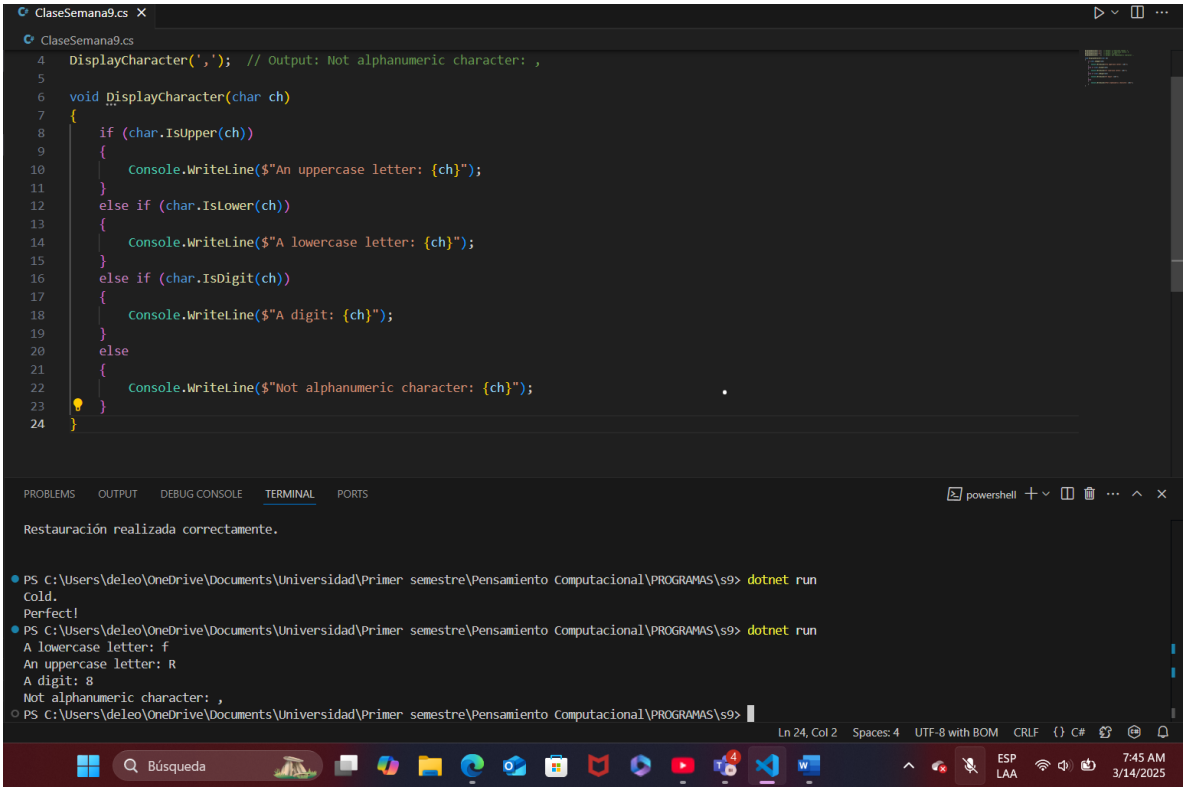
Byron de León

1095625

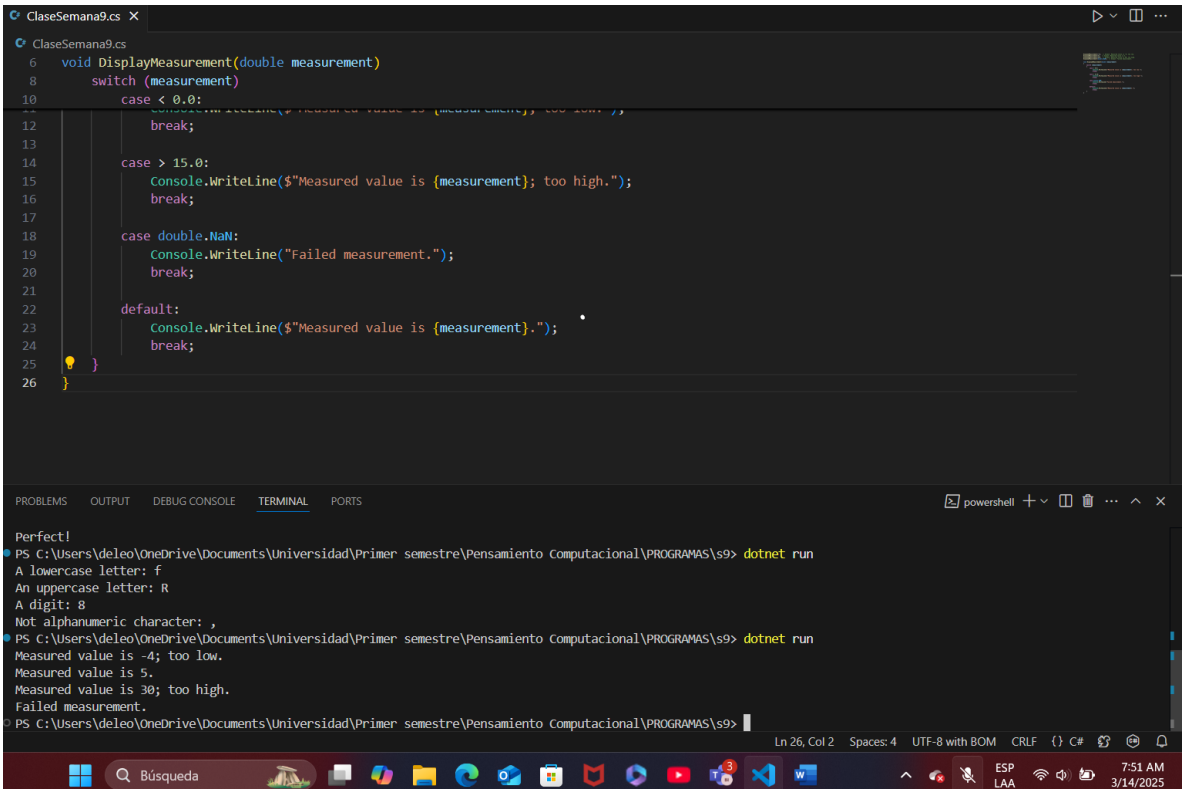
1.


ClaseSemana9.cs
DisplayWeatherReport(15.0); // Output: Cold.
DisplayWeatherReport(24.0); // Output: Perfect!
void DisplayWeatherReport(double tempInCelsius)
{
if (tempInCelsius < 20.0)
{
Console.WriteLine("Cold.");
}
else
{
Console.WriteLine("Perfect!");
}
}
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
powershell
PS C:\Users\deleo\OneDrive\Documents\Universidad\Primer semestre\Pensamiento Computacional\PROGRAMAS\s9> dotnet new console
La plantilla "Aplicación de consola" se creó correctamente.
Procesando acciones posteriores a la creación...
Restaurando C:\Users\deleo\OneDrive\Documents\Universidad\Primer semestre\Pensamiento Computacional\PROGRAMAS\s9\s9.csproj:
Restauración realizada correctamente.
PS C:\Users\deleo\OneDrive\Documents\Universidad\Primer semestre\Pensamiento Computacional\PROGRAMAS\s9> dotnet run
Cold.
Perfect!
PS C:\Users\deleo\OneDrive\Documents\Universidad\Primer semestre\Pensamiento Computacional\PROGRAMAS\s9>
Ln 14, Col 2 Spaces: 4 UTF-8 with BOM CRLF C#
Búsqueda
ESP LAA
7:27 AM 3/14/2025

2.


ClaseSemana9.cs
DisplayCharacter(','); // Output: Not alphanumeric character: ,
void DisplayCharacter(char ch)
{
if (char.IsUpper(ch))
{
Console.WriteLine($"An uppercase letter: {ch}");
}
else if (char.IsLower(ch))
{
Console.WriteLine($"A lowercase letter: {ch}");
}
else if (char.IsDigit(ch))
{
Console.WriteLine($"A digit: {ch}");
}
else
{
Console.WriteLine($"Not alphanumeric character: {ch}");
}
}
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
powershell
Restauración realizada correctamente.
PS C:\Users\deleo\OneDrive\Documents\Universidad\Primer semestre\Pensamiento Computacional\PROGRAMAS\s9> dotnet run
Cold.
Perfect!
PS C:\Users\deleo\OneDrive\Documents\Universidad\Primer semestre\Pensamiento Computacional\PROGRAMAS\s9> dotnet run
A lowercase letter: f
An uppercase letter: R
A digit: 8
Not alphanumeric character: ,
PS C:\Users\deleo\OneDrive\Documents\Universidad\Primer semestre\Pensamiento Computacional\PROGRAMAS\s9>
Ln 24, Col 2 Spaces: 4 UTF-8 with BOM CRLF C#
Búsqueda
ESP LAA
7:45 AM 3/14/2025

3.



4.

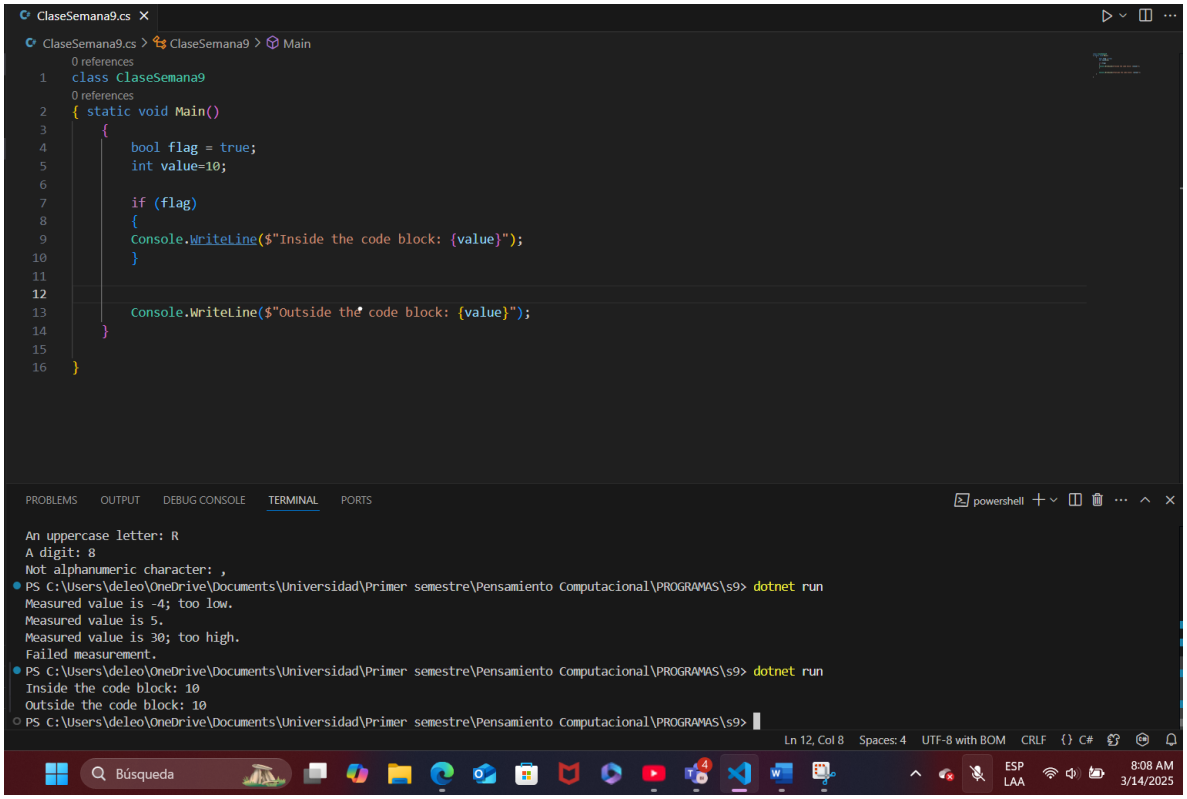
c# Copiar

```c#
// Code sample 1
bool flag = true;
int value;

if (flag)
{
    value = 10;
    Console.WriteLine($"Inside the code block: {value}");
}

Console.WriteLine($"Outside the code block: {value}");
```

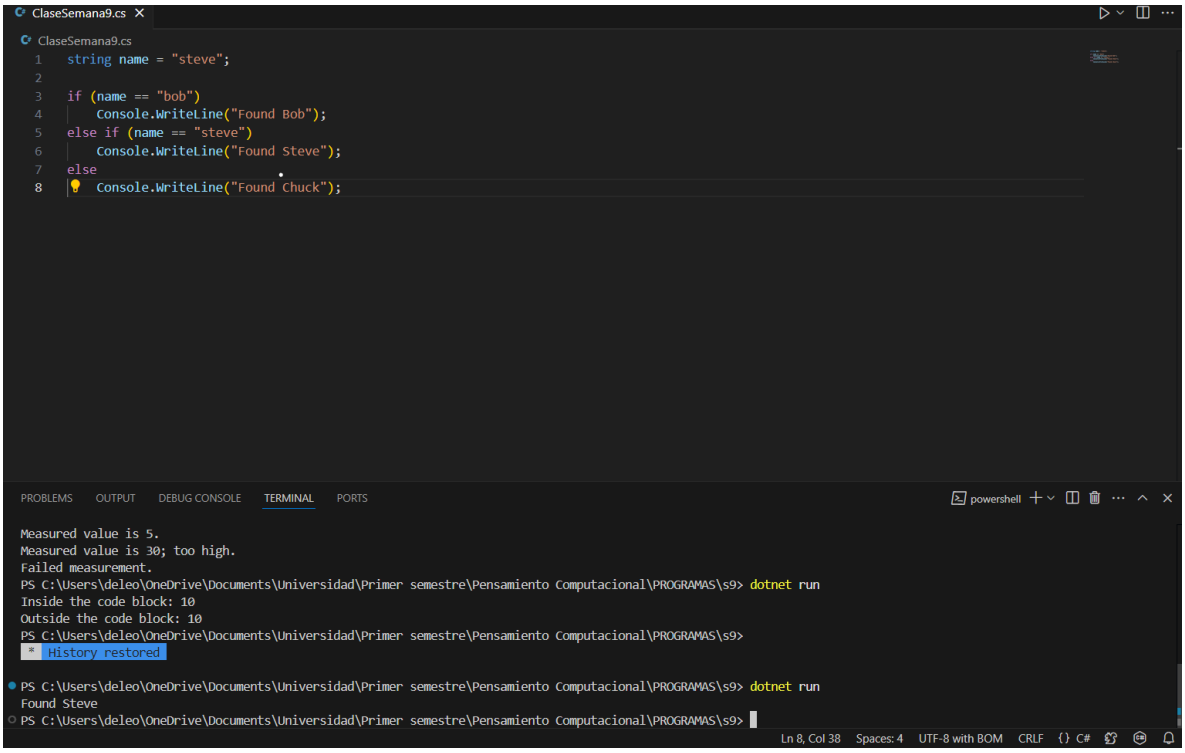
c# Copiar

```c#
// Code sample 2
int value;

if (true)
{
    value = 10;
    Console.WriteLine($"Inside the code block: {value}");
}

Console.WriteLine($"Outside the code block: {value}");
```

5.


ClaseSemana9.cs
ClaseSemana9.cs > ClaseSemana9 > Main
0 references
class ClaseSemana9
0 references
{ static void Main()
{
bool flag = true;
int value=10;
if (flag)
{
Console.WriteLine($"Inside the code block: {value}");
}
Console.WriteLine($"Outside the code block: {value}");
}
}
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
powershell
An uppercase letter: R
A digit: 8
Not alphanumeric character: ,
PS C:\Users\deleo\OneDrive\Documents\Universidad\Primer semestre\Pensamiento Computacional\PROGRAMAS\s9> dotnet run
Measured value is -4; too low.
Measured value is 5.
Measured value is 30; too high.
Failed measurement.
PS C:\Users\deleo\OneDrive\Documents\Universidad\Primer semestre\Pensamiento Computacional\PROGRAMAS\s9> dotnet run
Inside the code block: 10
Outside the code block: 10
PS C:\Users\deleo\OneDrive\Documents\Universidad\Primer semestre\Pensamiento Computacional\PROGRAMAS\s9>
Ln 12, Col 8 Spaces: 4 UTF-8 with BOM CRLF C#
Búsqueda
ESP
LAA
8:08 AM
3/14/2025

6.


ClaseSemana9.cs
ClaseSemana9.cs
string name = "steve";
if (name == "bob")
Console.WriteLine("Found Bob");
else if (name == "steve")
Console.WriteLine("Found Steve");
else
Console.WriteLine("Found Chuck");
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
powershell
Measured value is 5.
Measured value is 30; too high.
Failed measurement.
PS C:\Users\deleo\OneDrive\Documents\Universidad\Primer semestre\Pensamiento Computacional\PROGRAMAS\s9> dotnet run
Inside the code block: 10
Outside the code block: 10
PS C:\Users\deleo\OneDrive\Documents\Universidad\Primer semestre\Pensamiento Computacional\PROGRAMAS\s9>
* History restored
PS C:\Users\deleo\OneDrive\Documents\Universidad\Primer semestre\Pensamiento Computacional\PROGRAMAS\s9> dotnet run
Found Steve
PS C:\Users\deleo\OneDrive\Documents\Universidad\Primer semestre\Pensamiento Computacional\PROGRAMAS\s9>
Ln 8, Col 38 Spaces: 4 UTF-8 with BOM CRLF C#