

Universidad Rafael Landívar



Ingeniería en Informática y Sistemas

Materia: Pensamiento Computacional

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The screenshot shows the Visual Studio Code editor with a C# file named `Program.cs` in the `Program.cs` project. The code defines a namespace `valores` and a class `ejercicio` with a static `Main` method. The `Main` method takes an array of strings `args` and performs the following operations:

- Creates two string variables: `value1 = "a";` and `value2 = "A";`
- Comments: `//trim() es para quitar espacios en blanco.` and `//ToLower convierte la cadena de texto a minúscula.`
- Writes the trimmed and lowercased versions of `value1` and `value2` to the console: `Console.WriteLine(value1.Trim().ToLower() == value2.Trim().ToLower());`
- Pauses the program: `Console.ReadKey();`

The terminal output shows the command `dotnet run` being executed, followed by the warning: `warning CS8881: El nombre de tipo 'ejercicio' solo contiene caracteres ASCII en minúsculas. Estos nombres pueden quedar reservados para el idioma. [C:\Users\Toni Alexander\pc-lab\codigo-trabajos\semana7\ejercicio-27-02\ejercicio-27-02.csproj]` and the output `True`.

The screenshot shows the Visual Studio Code editor with a C# file named `Program.cs` in the `Program.cs` project. The code defines a namespace `valores` and a class `ejercicio` with a static `Main` method. The `Main` method performs the following operations:

- Creates two string variables: `value1 = "a";` and `value2 = "A";`
- Creates two string variables: `string texto;` and `string palabra;`
- Comments: `//trim() es para quitar espacios en blanco.` and `//ToLower convierte la cadena de texto a minúscula.`
- Writes the trimmed and lowercased versions of `value1` and `value2` to the console: `Console.WriteLine(value1.Trim().ToLower() == value2.Trim().ToLower());`
- Prompts the user to enter a text: `Console.WriteLine("Ingrese un texto: ");`
- Reads the user input: `texto = Console.ReadLine();`
- Prompts the user to enter a word to compare: `Console.WriteLine("Ingrese una palabra a comparar: ");`
- Reads the user input: `palabra = Console.ReadLine();`
- Checks if the word is contained in the text: `Console.WriteLine("Contains: " + texto.Contains(palabra));`
- Checks if the text starts with the word: `Console.WriteLine("Starts: " + texto.StartsWith(palabra));`
- Checks if the text ends with the word: `Console.WriteLine("Ends: " + texto.EndsWith(palabra));`
- Pauses the program: `Console.ReadKey();`

The terminal output shows the command `dotnet run` being executed, followed by the warning: `warning CS8881: El nombre de tipo 'ejercicio' solo contiene caracteres ASCII en minúsculas. Estos nombres pueden quedar reservados para el idioma. [C:\Users\Toni Alexander\pc-lab\codigo-trabajos\semana7\ejercicio-27-02\ejercicio-27-02.csproj]` and the output `True`. The user input is `Tengo ganas de un pizza.` and the word to compare is `pizza`. The output shows: `Contains: True`, `Starts: False`, and `Ends: True`.

