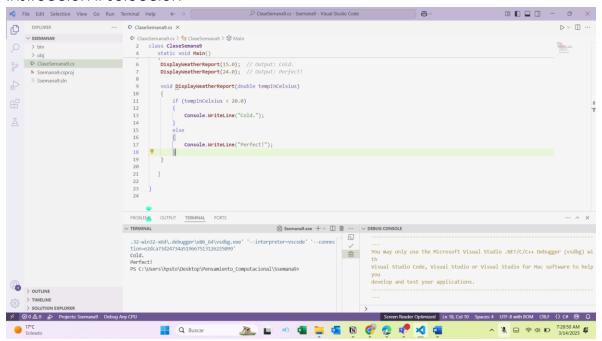
Universidad Rafael Landivar Facultad de Ingeniería Ingeniería en informática y sistemas. Pensamiento Computacional Luis Enrique Aguilar Rojas

Actividad 3 - Semana 9

Estudiantes: Clara Mia Melgar Pineda Carné:1125825

Guatemala, 14 de marzo de 2025

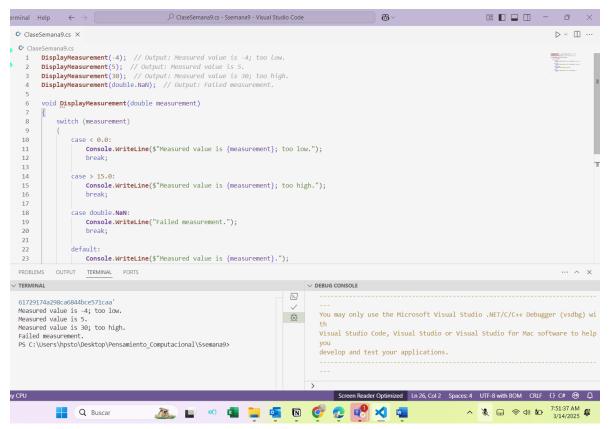
1. Instrucción if selección



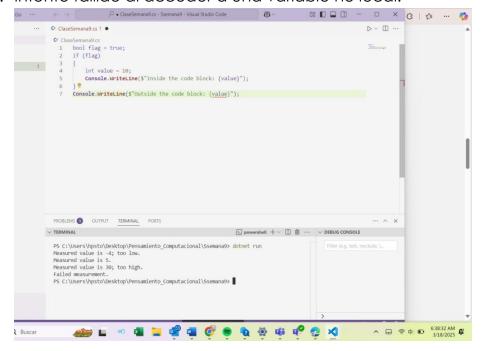
2. Else - if

```
Terminal Help
                                                                                                                                          ClaseSemana9.cs - Ssemana9 - Visual Studio Code
                                                                                                                                                                                                                                                                                                                                 88
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ▷ ~ □ …
      C ClaseSemana9.cs X
                          DisplayCharacter('f'); // Output: A Lowercase Letter: f
DisplayCharacter('R'); // Output: An uppercase Letter: R
DisplayCharacter('8'); // Output: A digit: 8
DisplayCharacter(','); // Output: Not alphanumeric character: ,
                              void DisplayCharacter(char ch)
                                         if (char.IsUpper(ch))
            11
                                                       Console.WriteLine($"An uppercase letter: {ch}");
            12
            13
                                          else if (char.IsLower(ch))
            14
                                                       Console.WriteLine($"A lowercase letter: {ch}");
            16
                                          else if (char.IsDigit(ch))
             18
            19
                                                      Console.WriteLine($"A digit: {ch}");
                                         else
            23
                                                      Console.WriteLine($"Not alphanumeric character: {ch}");
         PROBLEMS OUTPUT TERMINAL PORTS
                                                                                                                                                                                                                                                 >_
        PS C:\Users\hpsto\De^Ctop\Pensamiento_Computacional\Ssemana9>
PS C:\Users\hpsto\Desktop\Pensamiento_Computacional\Ssemana9>
                                                                                                                                                                                                                                                                             You may only use the Microsoft Visual Studio .NET/C/C++ Debugger (vsdbg) wi
         PS C:\Users\hpsto\Deskto\Pensamicro Computacional\Semana9 & 'c:\Users\hpsto\Deskto\Pensamicro Computacional\Semana9 & 'c:\Users\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\Lysens\hpsto\L
                                                                                                                                                                                                                                                                           Visual Studio Code, Visual Studio or Visual Studio for Mac software to help
          83b43c99834df8a1
         A lowercase letter: f
                                                                                                                                                                                                                                                                             develop and test your applications.
        An uppercase letter: R
        A digit: 8
Not alphanumeric character: ,
PS C:\Users\hpsto\Desktop\Pensamiento Computacional\Ssemana9>
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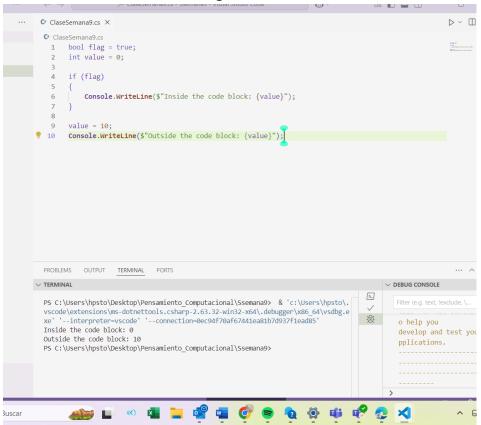
3. Switch



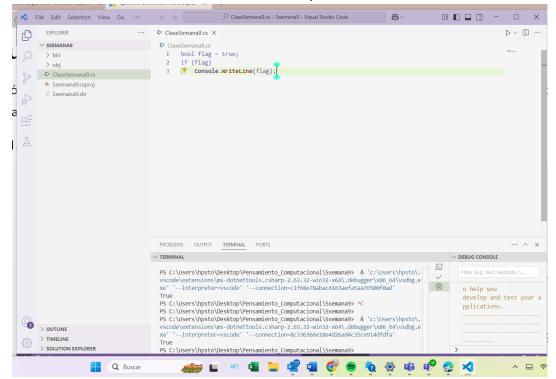
4. Intento fallido al acceder a una variable no local.



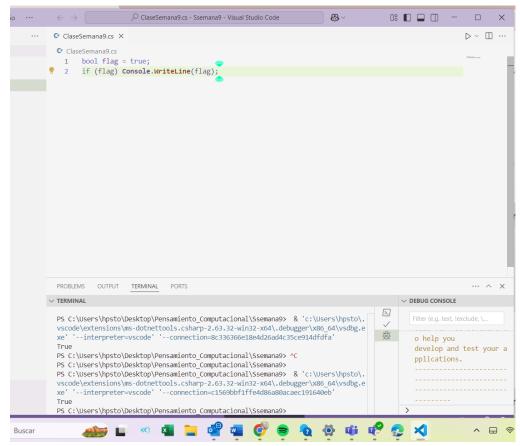
5. Variable local con valor asignado



6. If eficiente carente de llaves de inicio y cierre



7. Combinación de if con la instrucción Console. WriteLine



8. If y else-if sin el uso de cadenas

