SIT771 Object Oriented Development

Pass Task 3.2: Code Analysis 2

Overview

Being able to read, understand, and modify other peoples code is a really important skill. This is something that you use to understand how others have got things working, read example code, as well as when you are working on debugging your own programs. In this task you will read, analyse, and correct some example code.

The material in Course 2, Week 1 will help you with this task.

Download the example code, and read through it to see how it currently works and then make corrections to get it working as expected. The program has a button for the user to click to change the background color.

Submission Details

Submit the following files to Doubtfire.

- The Program corrected code (*Program.cs*)

Focus on reading and understanding how control flow is being used in this program to achieve its goals. Pay particular attention to the logical expressions, and making sure these are checking the right things.

Instructions

1. Download the resources associated with this task. Unzip this project, and use the terminal to restore the project settings for your computer. Then run to test the current state of the program.

   ```
   # cd into the folder then...
   skm dotnet restore
   skm dotnet run
   ```

   See what happens when you click the button.

   What about when you click around the button?

2. Open the folder in Visual Studio Code.
3. Read over the code and see if you can work out why it is not working as expected.
4. Make corrections to the code to get it working. The color should only change when the user clicks the mouse and the mouse is over the button.

When you are finished backup your work, and submit the corrected code to Doubtfire.