SIT771 Object Oriented Development

Credit Task 4.2: Messy

Focus

Make the most of this task by focusing on the following:

- Process:

  Focus on honing your debugging skills, enhancing code readability, and improving code indentation, code structure, code format, and syntax, and remove errors while applying sound programming concepts in your correction of messy code.

Overview

This task will help demonstrate the value of correct code formatting, indentation, naming, and consistent use of case. We will give you some of the most terribly written code we can, and it is your job to fix this code so that it is easy to read and understand.

Submission Details

Submit the following files to OnTrack.

- The fixed program code (*Program.cs*)
- A screen shot of your program running
- Some reflections on what you got out of this experience

Focus on code quality, making sure the program code is easy to understand.

Instructions

- Download the associated resources which contain the code for a working .NET program.
- Open the code, and read it...
  - Is it easy to follow?
  - Can you see the structure quickly?
  - What do all of the names mean?
- Please make this better... use what you know of good code quality to make this code easier to read and easier to understand. Think about indentation, naming, and use of case.
- Locate and fix the logical bugs...

Reflections

Create a short document, which you will upload as a PDF, that reflects on what you have learned from doing this exercise. Comment on the following:

- Should the ultimate goal of a software project be code that works, or is there more to it than that? What made the code hard to read?
- If this were a team project, how important to do think coding standards would be?
- What does this mean for software development in general?
- Do a quick search on the idea of **code refactoring**, how does this relate to what you have been doing?

The reflections do not need to be long, but you want to make sure you demonstrate good

understanding of what constitutes good code quality and the impacts of this on software projects.

When you are happy, save and backup your work then submit to OnTrack.