

SIT771 Object-Oriented Development

Distinction Task 7.3: Custom Program Code

Focus

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

- Process

Focus on translating your custom program design into reality, emphasizing high-level programming practices, mastery in design considerations, code efficiency, and sophisticated problem-solving to achieve distinction or higher in your implementation.

Overview

This is a pair to the Custom Program Design task. In this task you will implement your design, demonstrating the core programming skills in the unit.

Submission Details

Submit the following files to OnTrack.

- Your program code - concatenate all of the code into a single file for submission (but work on it in separate files).
- A link to a screencast of your program in operation.
- A short (up to 3 minutes) video of you explaining the core aspects of the design.
- A screenshot of your program running.

Instructions

1. Ensure that you get your design checked before you proceed. You don't need to have every detail described in the design, but it should communicate key aspects.
2. Implement your program a little at a time, in iterations as we did with the other programs in the unit.
3. When it is working, grab a screencast and upload it somewhere. Get a link to share in your submission. Your video should show the key features of your program.

Tip:

Start small, you can easily add to roles and responsibilities at a later stage.

Get something working quickly. You want to see it running ASAP. Once it is working build it a little at a time, get one thing working then move on to the next aspect.

Feel free to periodically show your work to your tutor for feedback. They can then let you know if you have done enough to meet the Distinction (and High Distinction) criteria (see the related design document).