



Object Oriented Programming

High Distinction Task 9.2: Research Project

Overview

To be eligible for top marks in this unit, you must demonstrate significant depth of understanding of the topics and concepts related to the unit learning outcomes.

- Purpose:** Demonstrate that you have developed a significant depth of understanding of the topics and concepts related to the unit.
- Task:** Complete a small research project in order to develop evidence of your understanding.
- Time:** This must be completed before you submit your portfolio, but it is advisable to submit drafts and plans earlier for feedback.
- Resources:**
- High Distinction Research Ideas document

Note: You should only start this task when your custom program meets the High Distinction standard. This research on its own is not sufficient evidence for your portfolio to be eligible for a High Distinction.

Submission Details and Assessment Criteria

You must submit the following files to Doubtfire:

- Any evidence relating to your research project (documents, code, etc.) in a PDF document, with additional files attached to your portfolio.

Note: Do not start this task until you have completed your custom program.

Instructions

The aim of this task is to demonstrate significant depth of understanding related to the units topics and concepts. Several ideas are presented, but you are free to do this in any way you see fit.

This task works in conjuncture with the HD standards on the Custom Program. With the custom program you are demonstrating that you can apply the concepts learnt, whereas in this task you are demonstrating that you can explain and discuss the concepts with similar depth of understanding.

In order to demonstrate this, you should conduct a small research project aiming to answer a question related to object oriented programming.

- Create a plan to outline the question and method for your research project (done in the previous task).
- Execute your plan. You may find that as you go some parts of your plan need to change. That is okay!
- Write a short research report explaining your findings. This should follow the standard structure of a research report. See “How to Do A Research Project for OOP (pdf)” on the Modules page of Canvas.

Tip: Share your progress regularly with your tutor. They can help keep you on track and provide valuable feedback!