



Object Oriented Programming

Topic 11: Portfolio Preparation

Resources

The following resources can help you with this topics:

- Learning Material / Content / Outline and Assessment / Learning Summary Report Template

Topic Tasks

Before starting to work on the tasks, first read through this entire document to get a sense of the direction in which you are heading. Complete the following tasks and submit your work to Doubtfire for feedback before the deadline (check Doubtfire for the submission deadline).

Pass Task 19 - Draft Learning Summary Report	2
Pass Task 20 - Good Programming Practice	3
Credit Task 5 - Case Study: Iteration 8	4

Remember to submit your progress, even if you haven't finished everything.

After you have **discussed** your work with your tutor and **corrected any issues**, it will be signed off as complete.

Pass Task 19 - Draft Learning Summary Report

In your tutorial class, discuss the following in groups:

- What are the unit learning outcomes?
- How could each of the outcomes be met? What would be a good way of achieving this?
- What pieces of work have you done to demonstrate achievement of these outcomes?
- Do you have any pieces that demonstrate achievement of a number of outcomes?

Prepare a first draft of your learning summary report, including some of the following aspects:

- Indicate the grade you think you will be able to achieve.
- Read over the checklist, and make sure you will have the required work.
- For each of the unit learning outcomes, list the pieces you are planning to include. Aim for good quality pieces that show off what you are capable of achieving!
- If you have time, reflect on what you have learned and write something up for the reflections section of the Learning Summary Report.

Submit the draft for feedback; it will be discussed in the tutorial class next week.

Note: The Learning Summary Report will go at the start of your portfolio. It should be followed by all of your programs, hand executions, and diagrams, etc. Each of these other pieces should have its own cover sheet. Remember this is a *portfolio* - a collection of work.

Tip: The Learning Summary Report has a large impact on your final result. This is the document where you make a case that you should be awarded a certain grade. The more clearly you can demonstrate good quality work in this document the better grade you are likely to receive. Aim to be clear and concise, and refer to the work you have included to demonstrate your understanding.

Note: Week 11 is the last week to submit things for feedback. Make sure you finish off any tasks you have outstanding and make sure you get this weeks material done on time!

Pass Task 20 - Good Programming Practice

Reflect on what you have learned and prepare a short portfolio piece in which you outline what you consider to be good programming practice in relation to object oriented programming.

Tip: Consider aspects related to code writing as well as program design and development practices.

Create an article / blog / letter / comic / movie / podcast / etc that outlines what you consider to be good programming practice in relation to object oriented programming.

1. Keep it to about 2 pages of text (if text based)
2. Videos or podcasts should concisely demonstrate depth of understanding.
3. Creativity will be valued

Tip: Including references to textbooks (not wikipedia) or research papers can help you strengthen your explanation. Remember to reference other peoples work.

Once you are happy with the report, create a cover page to relate it to the unit's learning outcomes.

Pass Task 20 - Assessment Criteria

Make sure that your submission includes the following:

- Explanations clearly demonstrate a good understanding of object oriented programming and related design and development activities.
- Reflect on how these practices are demonstrated in the work completed in the unit.
- The report is your work and expresses your understanding in your own words. Where ideas and descriptions are derived from other people they are appropriate cited and referenced.

Credit Task 5 - Case Study: Iteration 8

Complete Iteration 8 - Command Processor

Once your tests are working correctly add additional details to your cover page. Remember to relate what you are doing to the unit's learning outcomes.

Credit Task 5 - Assessment Criteria

Make sure that your task has the following in your submission:

- Iterations 1 to 8 are implemented.
- Class and Sequence Diagrams are included to illustrate additions to the design.
- The new classes have XML documentation for all public features.
- Code must follow the C# coding convention used in the unit (layout, and use of case).
- The code must compile and the screenshot must show the tests passing.