



# Object Oriented Programming

## Pass Task 2.2: Case Study — Iteration 1

### Overview

Object oriented programming makes best sense with larger programs. The case study will be your opportunity to create a larger program and better see how these abstractions make it easier to create software solutions.

**Purpose:** Get started with the case study, and start using NUnit and framework classes.

**Task:** Understand the case study program and implement iteration 1.

**Time:** Aim to complete this task by the start of week 3

**Resources:**

### *Submission Details*

You must submit the following files to Doubtfire:

- Program source code
- Screenshot of unit tests passing

## Instructions

1. Read the **Case Study Requirements** document. It outlines what you need to create.

**Note:** As with any requirements document, you **should** have questions. It is important to understand what the user wants you to create before you start to design and implement a program — it is easy to build the wrong program. Post up questions to the unit's discussion board to clarify your questions.

2. Review the stages in the **Case Study Implementation Plan** document.

**Note:** This is a **design** document, things may be missing or not fully thought through. You are likely to have questions or encounter issues. These should be discussed on the discussion board, the teaching staff can then guide your implementation.

**Tip:** Contribute to the discussion and you can include those posts in your portfolio!

3. For this week aim to complete Iteration 1.

**Note:** At this point there will not be a "program" as such, just a set of unit tests that help demonstrate that your solution is moving toward completion.

Once your tests are working correctly get a screenshot of the tests passing and submit them along with the code.