



# Object Oriented Programming

## Credit Task 7.2: Case Study — Iteration 6: Locations

### 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:** Demonstrate how to use the classes created in the case study to make a command like program, then design the first extension.
- Task:** Understand the case study program and implement iteration 6.
- Time:** Aim to complete this task by the start of week 8

### Submission Details

You must submit the following files:

- Program source code
- Test source code
- Screenshot of unit tests passing

### Instructions

1. Review the **Case Study Requirements** document. It outlines what you need to create.
2. For this task aim to complete Iteration 6.

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

**Assessment Criteria**

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

- The program is implemented correctly based on the case study description.
- Code must follow the C# coding convention used in the unit (layout, and use of case).
- The code must compile and the screenshot show it outputting the correct details.
- Tests must be written using the correct style (appropriate Assert statements and use of Set-Up method).
- Tests must pass and appropriately cover the functionality of the code being tested.