

## SENG1110/6110 Programming Assignment 1 - Semester 1, 2019

### ALCOLWORTHS Supermarkets - Q&A

This document will be updated regularly with questions from students.

#### **Do we need to use GUI for the assessment interface, or can it be all TIO?**

If you are SENG1110 students, you can choose TIO or GUI.

If you are SENG6110, you need to implement GUI.

#### **Can user remove only one item or more than one item of a product at a time? Will the product name will be removed totally if its quantity in the inventory is reduced to zero? The functionality #4 is not clear.**

Just one item. If the quantity after that is zero, then you should remove the product.

#### **Can we use arrays?**

No, not for this assignment, but definitely next assignment.

#### **Can we have more than 3 classes? Will we lose marks if we do?**

You should have only 3 classes.

#### **What is the use of run() method in main class?**

The main method is static. As you may know, static methods can only call static methods, so, in order to use a non-static method to implement the interface, you need to declare an instance object that calls it, hence the run() method. An alternative would be to implement the interface in main, or in another static method (which you may do if you wish). However, using a non-static method is advantageous because it allows using multiple methods that share data (such as the depot1 and depot2 objects).

#### **Can I post code to the Discussion board?**

If it is general code that does not give a direct solution to the assessment items, then it should be fine. Otherwise, you are not allowed, unless it is necessary to do so for learning purposes. So a valid code to put up is possible lab solutions or lecture code which everyone is already exposed to. Do not post assessment code items, even if the assessment is completed, as some students may have not yet undertaken the assessment item. Think about integrity of assessment items when posting code.

#### **The lecture slides and the assignment instruction sheet both give different due dates. Which is correct?**

The dates in the course timetable in the lecture slides indicate the start of each week. The due date for the assignment is Friday, the 3rd of May.

#### **Does removing a depot mean just removing its name or removing all the products contained inside that depot? If it means removing product objects, how do we remove all product items from a specified depot? It's tough at this beginner's level.**

Removing a depot includes removing its products as well. One way to do this is by setting depot1 or depot2 to null. There are alternatives, like setting a depot's name to an empty string to indicate non-existence.