

SCIT, University of Wollongong
CSIT110/CSIT810
Autumn Session 2018

Assignment 7 (5%) due on Sunday 20 May 2018 23:59PM

Objectives

- Able to write clear code with comments and follow coding convention
- Able to get user input
- Able to use if-else statement
- Able to write your own functions

Instructions

Put all your python code into a single file and submit it via the eLearning site (Assignment 7 Submission on Moodle).

You may be asked questions about your code in the lab. Your **marks will be deducted** if you could not answer the questions presented by the tutors.

Late submissions will be marked with a 20% marks deduction for one day late, including weekend. Submissions more than 3 days late will not be marked.

If you need an extension, please apply for an Academic Consideration through SOLS on or before the assignment due date.

Plagiarism is treated seriously. If we suspect any work is copied, all students involved are likely to receive zero for the entire assignment.

Assignment questions.

Write clear code with **comments** and follow **coding convention**. Comments should include your name, student number and subject code on top of your code.

Question. Write a program for *an ice cream ordering system* by **using your own functions**.

- The user can choose one of the five ice cream flavours.
- The user can choose the size.
- The user can choose to have an extra chocolate topping.

The program then display the user's order and the cost.

The program should work **exactly** as in the following examples:

Example 1:

```
-----
--  Welcome to Joe's Ice Cream Shop!  --
-----

Small $5, Medium $7, Large $10

Please make your order.

Flavours:
1 - Banana
2 - Almond Macaron
3 - Baseball Nut
4 - Citrus Twist Ice
5 - Cookies n Cream

Please select flavour (1-5): 4

Please select size (S/M/L): L

Chocolate topping for an extra $1? (Y/N): Y

*****
Citrus Twist Ice and Choc Topping (L): $11.00

Thank you for your order!
*****
```

Example 2:

```
-----  
--  Welcome to Joe's Ice Cream Shop!  --  
-----  
  
Small $5, Medium $7, Large $10  
  
Please make your order.  
  
Flavours:  
1 - Banana  
2 - Almond Macaron  
3 - Baseball Nut  
4 - Citrus Twist Ice  
5 - Cookies n Cream  
  
Please select flavour (1-5): 2  
  
Please select size (S/M/L): M  
  
Chocolate topping for an extra $1? (Y/N): N  
  
*****  
Almond Macaron (M): $7.00  
  
Thank you for your order!  
*****
```

END OF THE ASSIGNMENT