

Assignment Week 4

CT103

C Programming

Submission:

All files MUST be submitted before you leave the lab

You must be marked present by the lab tutor, and they must see your finished program before you leave

The tutors are there to help you - don't hesitate to ask for help

Assignment

- *Write a program that mimics the operation of a till – basically allows the user to input price and quantity of items and keeps a running total. When user is finished adding items, the program prints the total, and asks if the user wants to do another list of items.*
- *See sample output on next page.*
- *Hint on formatting:*
 - *use **\t** to insert tab in your text when using printf(...)*
 - *Use **%.2f** to print a double to 2 decimal places*
- *Get basics working and build on it – you can leave the fancy formatting to the end*
- *Plan before you act !!!*

Sample Output

```
C:\Windows\system32\cmd.exe

ITEM #1 price <0 to stop entering items>:      12.10
ITEM #1 quantity:                               5

ITEM #2 price <0 to stop entering items>:      45.34
ITEM #2 quantity:                               1

ITEM #3 price <0 to stop entering items>:     103.86
ITEM #3 quantity:                               5

ITEM #4 price <0 to stop entering items>:       0
-----
Total =                                         625.14
=====

Enter 1 to do new calculation, 0 to exit: 1

ITEM #1 price <0 to stop entering items>:      11.11
ITEM #1 quantity:                               2

ITEM #2 price <0 to stop entering items>:     100.0
ITEM #2 quantity:                               3

ITEM #3 price <0 to stop entering items>:       0
-----
Total =                                         322.22
=====

Enter 1 to do new calculation, 0 to exit: _
```