Software Development - Assignment 2

* Student: Robert Leniston
* Student Number: B00158877
* Module: Software Development 1

# Flow chart

A screenshot of a computer

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# Pseudocode

DO

IMPORT Scanner

IMPORT Decimal Format

INITALISE item price variable

INITALISE item count variable

INITALISE do loop

PRINT menu options

INITALISE switch statement

CASE 1 ++ coffeeCount

PRINT “you have chosen coffee”

CASE 2 ++ TeaCount

PRINT “you have chosen Tea”

CASE 3 ++ SoupCount

PRINT “you have chosen soup”

CASE 4 ++ waterCount

PRINT “you have chosen water”

CASE 5 Displays summary count

PRINT “you have chosen coffee”

DEFAULT Prints message to inform user to only choose between 1 & 5

WHILE choice != 5 to end loop

INATILISE displaysummary method

INATISILE DF to format 0.00

PRINT “ You have ordered: “+ itemCount + “Item”

PRINT totalMoneyDue variable

Print Total order cost: € + df.format totalMoneyDue

END

# Sample Test Data

|  |  |  |  |
| --- | --- | --- | --- |
| Test No. | Test Description | Sample test data | Expected outcome |
| 1 | Option > 5 | -2 | Please choose an option between 1 - 5 |
| 2 | Options < 5 | 9 | Please choose an option between 1 - 5 |
| 3 | Option 2 | 2 | You have chosen Tea |
| 4 | Multiple options | 2 +1 | You have chosen tea + You have chosen coffee |
| 5 | Option 5 | 2+ 1 + 5 | you have ordered 1 coffee + tea  total order cost + €4 |

# UI

A screenshot of a computer program

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