Test 3 Pseudocode

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VAR:

Total : double

GST : double

DeliveryCharge = 10.00 : double

Orders : Map

inputFile : File

LOOP while inputFile has line

Item = line.nextWord

Price = line.nextNumber

PROMPT quantity of the current item

INPUT Quantity

ADD a new Map Entry(Item, (Price, Quantity)) to Orders

ENDLOOP

LOOP for each item in Orders

subTotal = item.qty \* item.price

Total = Total + subTotal

PRINT item, item.price, item.qty, subtotal

ENDLOOP

Total = Total + DeliveryCharge

GST = 6% of Total

Total = Total + GST

PRINT DeliveryCharge, GST, Total

IF Total >= 100

PRINT “Congratulations. An electronic coupon…”

ENDIF