

Problem: 4

IPO

Input:

Amount available, onion quantity, grapes quantity, apricot quantity, tomatoes quantity, onion cost, apricot cost, tomatoes cost, grapes cost, change

Process:

Enter amount available

Enter onion cost, apricot cost, tomatoes cost, grapes cost

Enter onion quantity, apricot quantity, tomatoes quantity, grapes quantity

total cost = (onion cost * tomatoes quantity) + (grapes cost * grapes quantity) + (tomatoes cost * tomatoes quantity) + (grapes cost * grapes quantity)

If total cost > amount available then

Print "Insufficient money for grocery"

Else

Print "Grocery Successfully completed"

Change = amount available - total cost

Output:

Amount of Grocery or Not available

amount of Grocery

Pseudocode

Input amount-available

Input apricot-cost, tomato-cost, grapes-cost, onion-cost

Input apricot-quantity, tomato-quantity, grapes-quantity, onion-quantity

total-cost := 0

Change := 0

total-cost = (apricot-cost * apricot-quantity) + (tomato-cost * tomato-quantity) + (grapes-cost * grapes-quantity) + (onion-cost * onion-quantity)

If

amount-available > total-cost Then

Print "Grocery completed"

change = amount-available - total-cost

Print "Change"

Else

Print "Give more money"

Date: _____

(Start)

amount-available, apricot-cost,
apricot-quantity, tomato-quantity,
tomato-cost, grapes-cost, grapes-quantity,
onion-cost, onion-quantity,

total-cost := 0, change := 0

total-cost = (apricot-cost * apricot-quantity) +
(grapes-cost * grape-quantity) + (onion-cost *
onion-quantity) + (tomato-cost *
tomato-quantity)

Is
total amount >
amount-
available

Yes

Change = amount-available
- total amount

Change

Insufficient
money for grocery

(End)

