

Problem #4: * IPO

Input	Process	Output
Current_Money	• $Total_cost = Quantity \times Price_per_kg$	Total_Cost
Price_per_Kg	• $Change = Current_Money - Total_cost$	Change
Quantity		
Onion		
Apricot		
Grape		
Tomatoes		

* Pseudocode:

START

Total, Change = 0

Input Onions, Apricots, Grapes, Tomato

Input price_O, Price_A, Price_G, Price_T

Input Current Money

 $Total = Total + (Onions \times Price_O)$ $Total = Total + (Grapes \times Price_G)$ $Total = Total + (Apricots \times Price_A)$ $Total = Total + (Tomato \times Price_T)$ $Change = Current_Money - Total$

Print "Total Cost is", Total

Print "Change Remaining is", Change

* Flowchart

Start

Total, Change = 0

"Enter Quantity",
Onions, Apricots,
Grapes, Tomato"Enter Price",
Price_O, Price_A,
Price_G, Price_T

Current Money

 $Total = Onions \times Price_O$
 $Total = Total + (Grapes \times Price_G)$
 $Total = Total + (Apricots \times Price_A)$
 $Total = Total + (Tomato \times Price_T)$
 $Change = Current_Money - Total$

 "Total Cost:", Total
 "Change:", Change

END