

IPO	Python
Inputs:	
gold	
silver	
platinum	
Outputs:	
Total number of coins purchased	
Cost of purchase by metals	
Total cost including fee and sales tax	
Processing steps:total number of coins, cost per metal, and total cost	
Enter amount of gold ounces to purchase	numberOfGoldOunces = int(input("Enter the number of gold ounces: "))
Enter amount of silver ounces to purchase	numberOfSilverOunces = int(input("Enter the number of silver ounces: "))
Enter amount of platinum ounces to purchase	numberOfPlatinumOunces = int(input("Enter the number of platinum ounces: "))
total cost of gold = gold * 1500	costOfGold = numberOfGoldOunces * 1500
total cost of silver = silver * 50	costOfSilver = numberOfSilverOunces * 50
total cost of platinum = platinum * 2000	costOfPlatinum = numberOfPlatinumOunces * 2000
total ounces = gold + silver + platinum	totalOunces = numberOfGoldOunces + + numberOfSilverOunces + numberOfPlatinumOunces
subtotal = cost of gold + cost of silver + cost of platinum	subtotal = costOfGold + costOfSilver + CostOfPlatinum
totalCost = subtotal + subtotal * 0.02 + subtotal * 0.08	totalCost = subtotal + subtotal * 0.02 + subtotal * 0.08
Display total number of coins purchased	print("The total number of ounces purchased is ", totalOunces)
Display cost of purchases by metal	print("the total cost of gold is ",costOfGold) print("the total cost of silver is ",costOfSilver) print("the total cost of platinum is ",costOfPlatinum)
Display total cost of all coins	print("the total cost of purchase is ", totalCost)

Number of gold ounces	Number of silver ounces	Number of platinum ounces	Cost of gold	Cost of silver	Cost of platinum	Total number of coins purchased	subtotal	Total cost for all coins
10	100	1	15,000	5,000	2,000	111	22,000	\$24,200