11/02/2024

PS11- IPO Homework Assignment.

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PS11P1:

INPUT	PROCESSING	OUTPUT
Quantity.	def computediscount (price , discountRte): discountAmt= price * (discountRte/100) discountedPrice= price – discountedAmt return(discountAmt, discountedPrice)	print(f"Quantity: {Qty}") print(f"Price per item: ${price:.2f}}") print(f"Your discount amount is: ${discountAmt:.2f}") print(f"Your discount rate is: {discountRte}%")
Price.	discountAmt, discountedPrice= computediscount(price,discountRte)	Main ()
Discount Rate.		

PS11P2:

INPUT	PROCESSING	OUTPUT
Student lastname.	Def calc_scores(exam1, exam2, exam3): totalpoints= exam1+exam2+exam3 avgscore= totalpoints/3 return (totalpoints,avgscore)	print(f"Student's lastname: {lastname}") print(f"Total number of points: {totalpoints}") print(f"Average exam score: {avgscore}:.2f}")
Examscore1,Examscore2, Examscore3.	Totalpoints,avgscore= calc_scores(exam1, exam2, exam3)	main()

PS11P3:

INPUT	PROCESSING	OUTPUT

Salesperson's last name.	def calc_commissionandtarget(sales)
	if sales>100000:
	commission= sales*0.10
	else:
	commission= sales * 0.05
	nxtyrstarget= sales * 0.05
	return(commission,nxtyrstarget)
		print(f"Salesperson's last name: {lastname}")
		print(f"Commission: ${commission:..2f}")
		print(f"Next year's target: ${nxtyrstarget:.2f}")

Sales amount.	Commission,nxtyrstarget= calc_commissionandtarget(sales)	main()

PS11P4:

INPUT	PROCESSING	OUTPUT
Bowler last name.	def calc_bowlingScores(game1, game2, game3, handicap): avgscore= (game1+game2+game3)/3 avg_with_handicap=avgscore+handicap return (avgscore, avg_with_handicap)	print(f"Bowler's last name: {lastname}") print(f"Average Score: {avgscore:.2f}") print(f"Average score with handicap: {avg_with_handicap:.2f}")

Scores for game1, game2, and game3.	Avgscore, avg_with_handicap= calc_bowlingScores(game1, game2, game3, handicap)	main()
Handicap.		

PS11P5:

INPUT	PROCESSING	OUTPUT
Item quantity.	def calc_totalandtax(qty, unitprice): global total,tax total= qty*unitprice tax= total*0.07 return (total,tax)	print(f"Your total is: ${total:.2f}") print(f"Your tax is: ${tax:.2f}")
Unitprice.	calc_totalandtax(qty, unitprice)	main()