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CIS 106

3/30/2025

CIS 106 Week 11 IPO Chart Assignment

1.

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| Input | Processing | Output |
| print("Enter the Quantity of the item: ")  Quantity = int(input()) | def DiscountTotal(Quantity, Price, Discount):      Total = Quantity \* Price      DiscountedTotal = Total - Discount      Discount= Total \* Discount      return DiscountedTotal | print("The Discounted Total is $: ", DiscountTotal(Quantity, Price, Discount)) |
| print("Enter the Price of the item: ")  Price = float(input()) |  |  |
| print("Enter the Discount: ")  Discount = float(input()) |  |  |
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2.

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| Input | Processing | Output |
| LastName= input("Enter your Last name: ") | def ExamScore(Exam1, Exam2, Exam3):      Total = Exam1 + Exam2 + Exam3      Average = Total / 3      Percentage = (Total / 300) \* 100      return Total, Average, Percentage | print("Your last name is: ", LastName)  print("Your total score is: ", ExamTotal)  print("Your average score is: ", Average)  print("Your points total is: ", ExamTotal) |
| Exam1 = int(input("Enter your score for Exam 1: ")) |  |  |
| Exam2 = int(input("Enter your score for Exam 2: ")) |  |  |
| Exam3 = int(input("Enter your score for Exam 3: ")) |  |  |
| ExamTotal= Exam1 + Exam2 + Exam3  Average= ExamScore(Exam1, Exam2, Exam3) |  |  |

3.

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| Input | Processing | Output |
| LastName = input("Enter your last name: ") | def CommissionTotal(Commission):      if Commission < 100000:          Each = 0.10      else:          Each = 0.05      Total = Commission \* Each      Next = Commission \* 1.05      return Total, Next | print(f"This is the total commission amount: ${Total}") |
| Commission = float(input("Enter your commission amount: ")) |  | print(f"This is next year's total commission amount: ${Next}") |
| Total, Next = CommissionTotal(Commission) |  |  |
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4.

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| Input | Processing | Output |
| LastName= input("Enter the bowler's last name") | def AverageScore(Game1,Game2,Game3,Basis,Handicap):      Avg= (Game1+Game2+Game3)/3      Handicap= Avg - 220      Basis= Avg - Handicap      return Avg,Handicap,Basis | print("The bowler's last name is",LastName) |
| Game1= int(input("Enter the score for game 1")) |  | print("The bowler's average score is",Avg) |
| Game2= int(input("Enter the score for game 2")) |  | print("The bowler's average score with handicap is",Handicap) |
| Game3= int(input("Enter the score for game 3")) |  |  |
| Basis= 0  Handicap= 0  Avg,Handicap,Basis= AverageScore(Game1,Game2,Game3,Basis,Handicap) |  |  |

5.

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| Input | Processing | Output |
| Quantity | def Total(Quantity, UnitPrice):      Tax = 0.07      Total = Quantity \* UnitPrice      Total = Total + (Total \* Tax)      return Total, Tax | print(f"The total is ${total}")  print("The tax total is $", tax) |
| UnitPrice |  |  |
| total, tax = Total(Quantity, UnitPrice) |  |  |
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