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PS9- CIS 106 Homework.

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PS9P1

| INPUT | PROCESSING | OUTPUT |
|--------|---|----------------|
| Qty. | Total= (Qty * Price) | Qty. |
| Price. | If Total > 10,000.00 Discount= Total * 0.10 Total= Total-discount Else Discount= 0. | Price. |
| | | TotalExtPrice. |
| | | |

PS9P2

| INPUT | PROCESSING | OUTPUT |
|------------------|---|---------------|
| Player_lastName. | BattingAvg= Number_of_hits/Number_of_bats. | Last Name. |
| Number_of_hits. | NumOfPlayers= NumOfPlayers+1. | BattingAvg. |
| Number_of_bats. | | NumOfPlayers. |
| | | |
| | | |

PS9P3

| INPUT | PROCESSING | OUTPUT |
|-------------------|---|-------------------|
| City_Destination. | MPG= Miles_Traveled/Gallons_Used. | City_Destination. |
| Miles_Traveled. | Num_Of_Trips=Num_Of_Trips+1 . | Miles_Traveled. |
| Gallons_Used. | If Gallons_Used=0 Return "Error: Gallons used cannot be entered as zero." Else MPG= Miles_Traveled/Gallons_Used Return MPG. | MPG. |
| | | Num_Of_Trips. |
| | | |

PS9P4

| INPUT | PROCESSING | OUTPUT |
|--------------------|--|--------------------|
| Employee_LastName. | Define Pay_Rate(Job_Code). | Employee_LastName. |
| Job_Code. | If Job_Code== L: Return 25 elif Job_Code==A: Return 30 elif Job_Code== J: Return 50 else: Return 0. | GrossPay. |
| HrsWorked. | GrossPay=(HrsWorked*Pay_Rate). | EmpTotalGrossPay. |
| | NormalPay=(40*Pay_Rate). | |
| | OverTimePay=(HrsWorked- 40)*(Pay_Rate*1.5). | |
| | TotalGrossPay=(NormalPay*Over TimePay). EmpTotalGrossPay=(TotalGrossP ay+GrossPay). | |

PS9P5

| INPUT | PROCESSING | OUTPUT |
|---|--|-------------------|
| Student_LastName. | Define Pay_Rate(CreditHrs, DistrictCode). | Student_LastName. |
| CreditHrs. | If DistrictCode==I: Return CreditHrs*250 elif DistrictCode= 0 Return CreditHrs*550 Else Return 0. | TuitionOwed. |
| DistrictCode(Input I for in and O for out). | TuitionOwed=Pay_rate(CreditHrs , DistrictCode). | TotalTuitionOwed. |
| | TotalTuitionOwed=0 | |
| | TotalTuitionOwed=(TotalTuitionOwed+TuitionOwed). | |
| | | |
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