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| --- | --- | --- |
| Input | Processing | Output |
| saleNam  tripLoc  numDays  kmTrav  itemName  itemCost  numStock | Enter saleNam  Enter tripLoc  Enter numDays  Enter kmTrav  Calculate Cost of Accommodations  dayCost = numDays \* 56  nightCost = numDays \* 125  totalDis = kmTrav \* .24  totalCost = dayCost + nightCost + totalDis  Print Sale Name  Print Trip Location  Print Number of Days  Print KM Traveled  Print Total Cost  Enter itemName  Enter itemCost  Enter numStock  Calculate retail price  markUp = 0.75 \* itemCost  mark75 = markUp + itemCost  Calculate Total Inventory at cost  totalInv = itemCost \* numStock  Calculate inventory at retail  totalRet = mark75 \* numStock  Calculate Margin  grossMargin = totalRet – totalInv  Calculate sales price 50% off  markOff = (markUp \* .50)  sale50 = markUp - markOff  Calculate sales price 33% off  markOff = (markUp \* .33)  sale33 = markUp - markOff  Calculate sales price 25% off  markOff = (markUp \* .25)  sale25 = markUp - markOff  Calculate sales price 10% off  markOff = (markUp \*.10)  sale10 = markUp - markOff  Print itemName  Print itemCost  Print numStock  Print mark75  Print totalInv  Print totalRet  Print grossMargin  Print 50%,33%,25%,10% off | saleNam  tripLoc  numDays  kmTrav  total  ItemName  itemCost  numStock  grossMargin  totalInv  totalRet  Retail 50,33,25,10% off |
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