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| Input | Processing | Output |
| Date  SiteNumber  MemberName  StreetAdd  City  Province  PostalCode  PhoneNumber  CellNumber  MemberType  AlternateMembers  WeeklySiteCl  VideoSurveillance | #constants  EVEN\_NUM\_SITE=80.00  ODD\_NUM\_SITE=120.00  ELTERNATE\_COST=5.00  WEEKLY\_CLEANINIG\_CHARGE=50.00  VIDEO\_SUR\_CHARGE=35.00  HST\_RATE=.15  STANDARD\_MEMBER=75.00  EXECUTIVE\_MEMBER=150.00  PROCESSING\_FEE=59.99  CANCEL\_FEE=.60  # Generate program results through calculations.  # Determine the site charge based on site number  if SiteNumber %2==0:  SiteCost=EVEN\_NUM\_SITE  else:  SiteCost=ODD\_NUM\_SITE  # Calculate the alternate member charge  Alternate\_Member\_Charge = AlternateMembers \* ELTERNATE\_COST  # Add these two numbers to get the site charges.  Total\_Site\_Charge=Alternate\_Member\_Charge + SiteCost  # weekly site cleaning  WeeklyCharge=0  if WeeklySiteCl=="Yes":  WeeklyCharge+=WEEKLY\_CLEANINIG\_CHARGE  # video surveillance  VideoCharge=0  if VideoSurveillance=="Yes":  VideoCharge+=VIDEO\_SUR\_CHARGE  # the extra charges is Add these together  ExtraCharge=WeeklyCharge+VideoCharge  # The subtotal is the site charge plus the extra charges  SubTotal=Total\_Site\_Charge + ExtraCharge  # Taxes are calculated at 15% on subtotal, and the total monthly charge is the subtotal plus the taxes  Hst=SubTotal \* HST\_RATE  # The total monthly charge is the subtotal plus the taxes  Total\_Monthly\_Charge=SubTotal + Hst  # monthly dues are calculated for standard members executive members  if MemberType =="Standard":  MonthlyDue=STANDARD\_MEMBER  else:  MonthlyDue=EXECUTIVE\_MEMBER  # The total monthly charge and the monthly dues are added together to give the Total Monthly Fees  Total\_Monthly\_Fees=Total\_Monthly\_Charge + MonthlyDue  # The total Yearly Fees by multiplying the total monthly fees by 12  Total\_Yearly\_Fees= Total\_Monthly\_Fees \* 12  # The monthly payment is the Total yearly fees, plus a processing fee divided by 12  MonthlyPayment=(Total\_Yearly\_Fees + PROCESSING\_FEE )/ 12  # Cancellation fee  CancellationFee=Total\_Yearly\_Fees\* CANCEL\_FEE  # Output: Display the results | Date  SiteNumber  MemberName  StreetAdd  City  Province  PostalCode  PhoneNumber  CellNumber  SiteNumber  MemberType  AlternateMembers  WeeklySiteCl  VideoSurveillance  Tot\_Site\_ChargeDsp  Extr\_Charge  Sub\_Total  Tax  TotMonthlyCharge  Monthly\_dues  TotMonthlyFees  TotYearFees  Monthly\_payment  Cancellation\_Fee |