**Visual Logic Array Manipulation**

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The task for this program is to gather input in an array called Cars for the amount of monthly car payments that each customer makes. After gathering individual monthly car payments for three individuals the user is asked to associate the customers by name and these names are also stored within a String array. Ultimately all monthly payments are added together and finally the user is asked to supply how many more months that payments will continue. This information is used to calculate the total amount paid for all cars over that span and output it on screen.

Declare Integer Cars [3]

Declare String Customer [3]

Set totalMonthlyCarCost = 0

Declare For Loop customerName

Write: "Enter the name of customer " & customerName & ":

Set customer names using customerName in integer array variable Customer

Declare For Loop carCount

Write: "Please enter monthly car payment for customer " & carCount & ": "

Loop through and collect monthly payments for all three cars purchased

Set totalMonthlyCarCost to equal total cost of monthly payments for each customer

Write: Customer(1) & “ pays “ & “$” & Cars(1) & “ a month for a car.”

Write: Customer(2) & “ pays “ & “$” & Cars(2) & “ a month for a car.”

Write: Customer(3) & “ pays “ & “$” & Cars(3) & “ a month for a car.”

Write: “The total amount that all three individuals pay a month are: “ & “$” & totalMonthlyCarCost

Declare monthsLeftToPay

Write: “How many months will " & Customer(1) & ", " & Customer(2) & ", and " & Customer(3) & " take to pay off theirs cars? "

Set input to monthsLeftToPay

Set totalAmountPaid equal to totalMonthlyCarCost \* monthsLeftToPay

Write: "Over a period of " & monthsLeftToPay & " months the total cost comes to: $" & totalAmountPaid