Class Plan

Private Real amountDue

Private Real newBalance

Public Module Plan()

Set amountDue = 0.0

Set newBalance = 0.0

Set TIME\_PERIOD = 12

End Module

Public Module Plan (Real newAmountDue, Real newNewBalance)

Set amountDue = newAmountDue

Set newBalance = newNewBalance

End Module

Public Module setAmountDue (Real newAmountDue)

Set amountDue = newAmountDue

End Module

Public Function Real getAmountDue ()

Return amountDue

End Function

Public Module setNewBalance (Real newNewBalance)

Set newBalance = newNewBalance

End Module

Public Function Real getNewBalance ()

Return newBalance

End Function

Module main()

Declare Plan planCustomerOne

Constant Integer TIME\_PERIOD = 12

Set custOne = New Customer()

Display “Please input the amount due: "

Input amountDue

For counter = amountDue / TIME\_PERIOD = step ^ newBalance

Display "For a time period of 12 months to pay off the bill, these are the payments in order of due date: "

Display counter

End For

End Module

import java.util.Scanner;  
  
 public class Plan  
  
 {  
  
 public static void main( String args[])  
  
 {  
  
 Scanner input = new Scanner( System.in );  
  
   
  
 double amountDue;   
 double newBalance;   
 int timePeriod = 12;  
   
  
 System.out.print("Please enter amount due: $ ");  
 AmountDue = input.nextDouble  
 System.out.println( " ");   
  
 double newBalance = amountDue / 1-Math.pow(timePeriod);   
  
 System.out.println("For a time period of 12 months to pay off the bill, these are the payments in order of due date: " newBalance);  
 System.out.println( " "); }  
  
 }  
}