BEGIN

// Constants

DEFINE CUBIC\_INCHES\_IN\_CUBIC\_FOOT AS 1728

// Variables

Declare modelName AS String

Declare height AS Float

Declare width AS Float

Declare depth AS Float

Declare cubicInches AS Float

Declare cubicFeet AS Float

// Input

Output "Enter the refrigerator model name:"

Input modelName

Output "Enter the interior height in inches:"

Input = height

Output "Enter the interior width in inches:"

Input = width

Output "Enter the interior depth in inches:"

Input = depth

// Process

cubicInches = height \* width \* depth

cubicFeet = cubicInches / CUBIC\_INCHES\_IN\_CUBIC\_FOOT

// Output

Output "The refrigerator model " + modelName + " has a capacity of " + cubicFeet + " cubic feet."

END

START

// Housekeeping: Variable Declaration

Declare accountBalance AS Float

Declare overDrawnFee AS Float

Declare numberOfOverdrawnTransactions AS Integer

Declare totalFee AS Float

Declare newAccountBalance AS Float

// Input: Collect Information

Print "Enter the account balance: "

Input accountBalance

Print "Enter the number of times the account was overdrawn: "

Input numberOfOverdrawnTransactions

// Process: Calculate the fee

If accountBalance < 0 Then

// Calculate the fee based on the overdraft

totalFee = (0.01 \* accountBalance) - (5 \* numberOfOverdrawnTransactions)

Else

totalFee = 0 // No fee if not overdrawn

End If

// Calculate the new account balance

newAccountBalance = accountBalance - totalFee

// Output: Display the results

Print "The total fee calculated is: ", totalFee

Print "The new account balance is: ", newAccountBalance

Print "Thanks for using this program"

END