**Pseudocode**

Module main ()

// Local variables

Declare Real weight, charge

// Display intro message

Call showIntro()

// Get the package weight

Call PackageWeight (weight)

// Calculate the charge

Call calcCharge (Real weight, Real Ref charge)

//Display charge

Display "Total Charges will be $", charge

End Module

// The showIntro module display an introductory screen

Module showIntro()

Display “This program will calculated the charge of the package”

Display”For your reference the weight of package is”

Display”2 lb or less, rate per lb = $1.10”

Display”over 2 lb but not more than 6 lb, rate per lb = $2.20”

Display” over 6 lb but not more than 10 lb, rate per lb = $3.70”

Display”over 10 lb, rate per lb = $3.80”

End Module

// The weight module gets the weight of the package

//and stores it in the reference varialbe weight.

Module getWeight(Real Ref weight)

Display "Enter the package weight: "

Input weight

End Module

// The calcCharge module calculates the charge with

// not more than 2 lb, over 2 lb but not more than 6 lb,

//over 6 lb but not more than 10 lb or over 10 lb.

Module calcCharge (Real weight, Real Ref charge)

// Local named constant

Constant Real less2lb\_Rate = 1.10

Constant Real less6lb\_Rate = 2.20

Constant Real less10lb\_Rate = 3.70

Constant Real over10lb\_Rate = 3.80

// Calculate the charge

If weight<=2 Then

Set charge = weight \* less2lb\_Rate

Else If weight<=6 Then

Set charge = weight \* less6lb\_Rate

Else If weight<=10 Then

Set charge = weight \* less10lb\_Rate

Else

Set charge = weight \* over10lb\_Rate

End If

End Module