//ModuleSelectionPJG

Module main()

//variable for return value

Declare Integer selection

//will display menu while user does not choose to close the program

do

//return value from displayMenu is assigned to selection

Set selection = displayMenu()

//case structure using 'selection' variable for decision

//corresponding numbers call thier module; 4 closes program

Select selection

Case 1:

Call openDocument()

Case 2:

Call closeDocument()

Case 3:

Call printDocument()

Default:

Display "The program will now exit."

End Select

While selection != 4

End Module

//function prints menu and get user's input; returns the value to main()

Function Interger displayMenu()

//varible for input

Declare Integer choice

Display " Main Menu"

Display "1. Open a new document."

Display "2. Close the current document."

Display "3. Print the current document."

Display "4. Exit the program."

Display //whitespace

Display "Enter your selection: "

//get input

Input choice

//validates input from user

//while input is outside 1-4 it will ask for new input

While choice < 1 OR choice > 4

Display "Invalid selection."

Display "Please input 1, 2, 3, or 4."

Display "Enter your selection: "

Input choice

End While

Return choice

End Function

//prints "new doc" to user

Module openDocument()

Display "You have opened a new document."

Display //whitespace

End Module

//prints "closed doc" to user

Module closeDocument()

Display "You have closed the document."

Display //whitespace

End Module

//prints "printed doc" to user

Module printDocument()

Display "You have printed the document."

Display //whitespace

End Module