START

DECLARE choice, accountNumber, investQuantity AS INTEGER

DECLARE investCode AS STRING

DECLARE ttlCost, total AS FLOAT

DECLARE pass "@dm1n", invst, select AS STRING

DECLARE password AS STRING

DECLARE n=1 AS INTEGER

DECLARE a, b, x, i, n, order, investSelect, search, qnty AS INTEGER

DECLARE fiCount, psCount, viCount, minQuantity AS INTEGER

DECLARE fiOrders, psOrders, value AS INTEGER

WHILE(1)

WRITE "PASSWORD:"

READ password

IF password = PASS THEN

WRITE "You have been successfully logged in"

ELSE

WRITE "Wrong PASSWORD entered. Now you have n-3 more chances"

END IF

n++

IF n=4 THEN

WRITE "You Cant Log In"

END

END IF

END WHILE

WHILE(1)

WRITE "1. Prepare Investment Orders"

WRITE "2. Display Investment Orders"

WRITE "3. Search/Edit Investment Orders"

WRITE "4. Exit"

WRITE "Select Option:"

READ choice

DO CASE choice

CASE 1:

WHILE(1)

WRITE "Number Of Orders To Be Processed? (Max 15 Orders) "

READ ORDER

IF(order<15) THEN

FOR (x=0;x<15;x++)

WRITE "Enter Account Number:"

READ accountNumber[x]

WRITE "Investment Type"

WRITE "1. Fixed Income (Minimum Units: 1000)"

WRITE "2. Pooled Stock (Minimum Units: 4500)"

WRITE "3. Variable Income (Minimum Units: 2400)"

WRITE "Select Investment Type: "

READ investSelect

DO CASE investSelect

CASE 1:

investCode[x] = "F"

value = 52.69

minQuantity = 1000

fiCount= fiCount + 1

BREAK

CASE 2:

investCode[x] = "S"

value = 59.24

minQuantity = 4500

psCount = psCount + 1

BREAK

CASE 3:

investCode[x] = "X"

value = 125.72;

minQuantity = 2400

viCount = viCount + 1

BREAK

CASE ELSE

WRITE "Invalid Selection"

END CASE

WRITE "Enter investment Quantity: "

READ investQuantity[x]

WHILE(1)

PRINT “Invalid Amount”

WRITE "Enter investment Quantity: "

READ investQuantity[x]

IF investQuantity[x]>= minQuantity THEN

BREAK

END IF

END WHILE

ttlCost[x] = investQuantity[x] \* value

END FOR

BREAK

ELSE

WRITE "Number Of Records Exceeded (Max 15)"

END IF

END WHILE

BREAK

CASE 2:

FOR(i=0;i<15;i++)

IF(accountNumber[i] != null && investCode[i] != null && investQuantity[i] != null) THEN

WRITE "Account Number: " accountNumber[i]

WRITE "Investment Code: " investCode[i]

WRITE "Quantity: " investQuantity[i]

WRITE "Order Cost: $" investQuantity[i]\*value

END IF

END FOR

WRITE "Total Number Of Orders By Category"

WRITE "Fixed Income: " fiCount

WRITE "Pooled Stock: " psCount

WRITE "Variable Income: " viCount

WRITE "Overall Totals"

WRITE "Total Number Of Orders " fiCount+psCount+viCount

FOR(x=0;x<15;x++)

total = total + ttlCost[x]

END FOR

WRITE "Total Cost Of Orders " total

BREAK

CASE 3:

WRITE "Enter Account Number You Wish To Search For: "

READ search

FOR(x=0;x<15;x++)

IF(accountNumber[x] == search) THEN

WRITE "Account Number: " accountNumber[x]

WRITE "Investment Code: " investCode[x]

WRITE "Quantity: "investQuantity[x]

WRITE "Would You Like To Edit This Order? (Y/N)"

READ select

IF (select == 'Y' OR select == 'y') THEN

WRITE "What Would You Like To Change?"

WRITE "1. Investment Code"

WRITE "2. Quantity"

WRITE "Select Option:"

READ choice

DO CASE choice

CASE 1:

WRITE "For Fixed Asset: F"

WRITE "For Pooled Stock: S"

WRITE "For Variable Income: X"

WRITE "Enter New Investment Code: "

READ invst

investCose[x] = invst

BREAK

CASE 2:

WRITE "Enter New Investment Quantity:"

READ qnty

investQuantity[x]= qnty

BREAK

CASE ELSE:

WRITE "Invalid Selection"

END CASE

ELSE

END IF

ELSE

WRITE "No Record Found"

END IF

END FOR

CASE 4:

WRITE "Exiting......"

END

BREAK

CASE ELSE:

WRITE "Invalid Selection"

Break

END CASE

END