START

DECLARE choice, accountNumber, investQuantity AS INTEGER

DECLARE investCode AS STRING

DECLARE ttlCost, total AS FLOAT

DECLARE pass "@dm1n", user = "admin", invst, select AS STRING

DECLARE username, password AS STRING

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

DECLARE fiCount, psCount, viCount AS INTEGER

DECLARE fiOrders, psOrders, value AS INTEGER

WHILE(n<3)

WRITE "Username:"

READ username

WRITE "PASSWORD:"

READ password

IF username = user AND password = PASS THEN

WRITE "You have been successfully logged in"

ELSE

WRITE "Wrong PASSWORD and/or USER ID entered. Now you have n-3 more chances"

END IF

n++

END WHILE

IF n=4 THEN

WRITE "You Cant Lof In"

END

END

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

fiCount= fiCount + 1

BREAK

CASE 2:

investCode[x] = "S"

value = 59.24

psCount = psCount + 1

BREAK

CASE 3:

investCode[x] = "X"

value = 125.72;

viCount = viCount + 1

BREAK

CASE ELSE

WRITE "Invalid Selection"

END CASE

WRITE "Enter investment Quantity: "

READ investQuantity[x]

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