Fun calculateRisk (parameters: User user, Assest asset, Boolean Array secSelect)

Initialize array int secVal // determine values  
Initialize array str secType // determine types  
Initialize array str secName // for final rec  
Initialize var int total = 0 // final total risk  
Initialize var int temp = 0

for (security array size) // loop through whole security array

if (secSelect[index] == true)

temp = secVal[index]

if (secType[index] == asset.type)

temp \*= asset.multiplier  
 else

// FOR POTENTIAL FUTURE CHANGES

final += temp

total \*= user.val // user obj multiplier  
  
// Potentially how final risk will be calculated: baseline - total  
// total -= baseline  
  
PRINT TOTAL // maybe

if (total > X)

PRINT LOW RISK

else if (total == Y)

PRINT MEDIUM RISK

else if (total < Z)

PRINT HIGH RISK  
  
for (security array size) // loop through whole security array

if (secSelect[index] = false)

PRINT secName[index] // print all unused security options as reccomendations