Objects:  
  
User  
Asset  
Security  
  
Fun calculateRisk (parameters: User user, Assest asset, Security Array security)

Initialize var int total = 0 // final total risk  
Initialize var int temp = 0

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

if (security[index] = true)

temp = security[index]

if (security[index].type = 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 (security[index] = false)

PRINT SEC // print all unused security options as reccomendations