###

### Recap if function

#

age<-c(40,50,60)

wt<-c(100,130,150)

# If has 3 parts

# Boolean

# True

# False

age[1]

if(age[1]>30) print("greater")else print("less")

if(age[1]>30) "greater"else "less"

age[1]

age[1]>30 # Boolean response

age[1]>70 # Boolean response

test<-age[1]>70

test

if(test) print("greater")else print("less")

testAge<-45 # assign 45 to variable testAge

age # look at vector age

age>testAge # compare vector age to variable testAge

testAge

age

old<-age[age>testAge] # from vectore age, select values where age>testAge, assign to old

old

results<-age>testAge # different than old<-age[age>testAge]

results

sum(results) # how many GT

as.numeric(results)

length(results)-sum(results) # how many LT

#