name <- c("Steve","John","Rita")

id <- c(100,200,300)

active <- c(TRUE,FALSE,TRUE)

gender <- c("M","M","F")

#create a data frame - basically a list of same-length vectors

#not all strings are true factors - tell R we'll handle it

family <- data.frame(name, id, active, gender, stringsAsFactors=FALSE)

family

#elements in this list have names

family$name

#select positionally using [rows, cols] notation

family[1,2]

family[2,1]

family[2,]

family[,4]

family[1:2,2:3]

family[c(1,3),c(2,4)]

family[-3,c("name","gender")]