1. Obtain the elements of the union between two character vectors.

vec1 = c(rownames(mtcars[1:15,]))

vec2 = c(rownames(mtcars[10:32,]))

vec12<-union(vec1, vec2) # returns all the elements of vec1 and vec2 without repeating common elements

vec12

2. Get those elements that are common to both vectors.

vec1 = c(rownames(mtcars[1:15,]))

vec2 = c(rownames(mtcars[10:32,]))

commonvec12<-vec1%in%vec2 # gives position of common elements

vec1[commonvec12] # gives elements

intersect(vec1,vec2)# alternate way to get intersection of 2 sets of data

3. Get the difference of the elements between two character vectors.

vec1 = c(rownames(mtcars[1:15,]))

vec2 = c(rownames(mtcars[10:32,]))

setdiff(vec1, vec2)# elements of vec1 which are not present in vec2

setdiff(vec2,vec1)# elements of vec2 which are not present in vec1