1. Define matrix mymat by replicating the sequence 1:5 for 4 times and transforming into a matrix, sum over rows and columns.

mymat<-matrix(rep(seq(5), 4), ncol = 5)

View(mymat)

#sum over rows

a<-apply(mymat, 1, sum)

#sum over columns

b<-apply(mymat, 2, sum)