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

over rows and columns.

Ans:

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

**# mymat sum on rows**

apply(mymat, 1, sum)

## [1] 15 15 15 15

**# mymat sum on columns**

apply(mymat, 2, sum)

## [1] 10 11 12 13 14

apply(mymat, 1, function(x, y) sum(x) + y, y=4.5)

## [1] 19.5 19.5 19.5 19.5