Assignment 3.2

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

#transforming into a matrix,

rep(1:5, 4) # replicating the sequence 1 to 5

mymat <- matrix(rep(1:5 ,4), nrow = 4 , ncol = 5, byrow = TRUE ) #creating matrix conidering 4 rows and 5 columns

mymat

#sum over rows and columns.

apply(mymat, 1, sum) # sum of rows

apply(mymat, 2, sum) # sum of collumns