**Assignment 3.2**

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

Ans:-

mymat<-raster(nrow = 5,ncol = 4)

values(mymat)<-rep(1:5,times = 4)

as.matrix(mymat)

rowSums(mymat)

colSums(mymat)

Output:-

as.matrix(mymat)

[,1] [,2] [,3] [,4]

[1,] 1 2 3 4

[2,] 5 1 2 3

[3,] 4 5 1 2

[4,] 3 4 5 1

[5,] 2 3 4 5

> rowSums(mymat)

[1] 10 11 12 13 14

> colSums(mymat)

[1] 15 15 15 15