Session 3 Assignment 2

Submitted By: Ashish Saxena

Question1. Define matrix mymat by replicating the sequence 1:5 for 4 times and transforming into a matrix, sum over rows and columns.

b<-matrix(rep(1:5), nrow=5, ncol=4);

colSums(b)

rowSums(b)

***OUTPUT:***

> b<-matrix(rep(1:5), nrow=5, ncol=4)

> b

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

[1,] 1 1 1 1

[2,] 2 2 2 2

[3,] 3 3 3 3

[4,] 4 4 4 4

[5,] 5 5 5 5

> colSums(b)

[1] 15 15 15 15

> rowSums(b)

[1] 4 8 12 16 20