SESSION 3

INTRODUCTION TO WORKING WITH R  
Assignment – 2

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

#define matrix mymat by replicating the sequence 1:5 for 4 times and transforming into a matrix  
  
#Creating matrix  
mymat<-matrix(rep(seq(1:5)), ncol = 5, nrow = 4)  
  
mymat

## [,1] [,2] [,3] [,4] [,5]  
## [1,] 1 5 4 3 2  
## [2,] 2 1 5 4 3  
## [3,] 3 2 1 5 4  
## [4,] 4 3 2 1 5

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

## [1] 15 15 15 15

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

## [1] 10 11 12 13 14