Session-3-Assignment-2

Aditya Mulay

July 2, 2018

# Q1.Define matrix mymat by replicating the sequence 1:5 for 4 times and transforming into a matrix, sum over rows and columns.  
mymat <-matrix(rep(seq(5),4), ncol=5)  
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

apply(mymat,1,sum)

## [1] 15 15 15 15

apply(mymat,2,sum)

## [1] 10 11 12 13 14