**Assignment 3.2/Shalini Raghaviah**

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

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| --- |
| 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 |
|  |
| |  | | --- | | > | |

Mymat sum on rows

> apply(mymat,1,sum)

[1] 15 15 15 15

Mymat sum on columns

> apply(mymat,2,sum)

[1] 10 11 12 13 14