ACADGILD ASSIGNMENT 3.3

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

ANSWER:

mymat <- matrix(rep(1:5, 4), ncol = 4)

mymat [,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

apply(mymat, 1, sum) [1] 4 8 12 16 20

apply(mymat, 2, sum) [1] 15 15 15 15