**Assignment\_2.2**

1. 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)**

**[,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**