Lab Assignment 0 Omkar Ashok Kalange

Task 1 :

Getwd() is used to get present working directory.

Output - [1] "C:/Users/DELL/Documents"

Task 2:

X has class numeric whereas y is a character because “” is used to store character values.

Output - > class(x) #used to print class of variable

[1] "numeric"

> class(y)

[1] "character"

Task 3:

If V is the vector name, commands for displaying 3rd element are :

V[3]

V[3:3]

Output : v[3] # displaying third element

[1] 7

> v[3:3]

[1] 7

Task 4:

Rbind() is used to add an extra row to a matrix.

Cbind() is used to add an extra column to the matrix.

Output :

a

[,1] [,2]

[1,] 1 2

[2,] 3 4

b

[,1] [,2]

1 2

3 4

m 5 6

c

n

1 2 7

3 4 8

m 5 6 9

Task 5 :

Head() function is used to display rows from first row onwards.

Tail() function is used to display rows from last row.

head(iris,5) #first 5 rows

Sepal.Length Sepal.Width Petal.Length Petal.Width Species

1 5.1 3.5 1.4 0.2 setosa

2 4.9 3.0 1.4 0.2 setosa

3 4.7 3.2 1.3 0.2 setosa

4 4.6 3.1 1.5 0.2 setosa

5 5.0 3.6 1.4 0.2 setosa

> tail(iris,5)#last 5 rows

Sepal.Length Sepal.Width Petal.Length Petal.Width Species

146 6.7 3.0 5.2 2.3 virginica

147 6.3 2.5 5.0 1.9 virginica

148 6.5 3.0 5.2 2.0 virginica

149 6.2 3.4 5.4 2.3 virginica

150 5.9 3.0 5.1 1.8 virginica