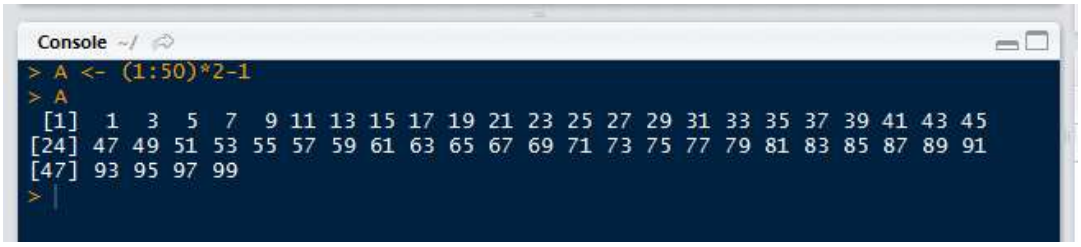
Assignment 3.1

1. Create a numerical vector to store the odd numbers between 1 to 100

R commands:

A <- (1:50)*2-1

A



2.Create the numerical vector with following values

1,2,3,4,5,8,6,2,11

Create 3x3 matrix from the vector

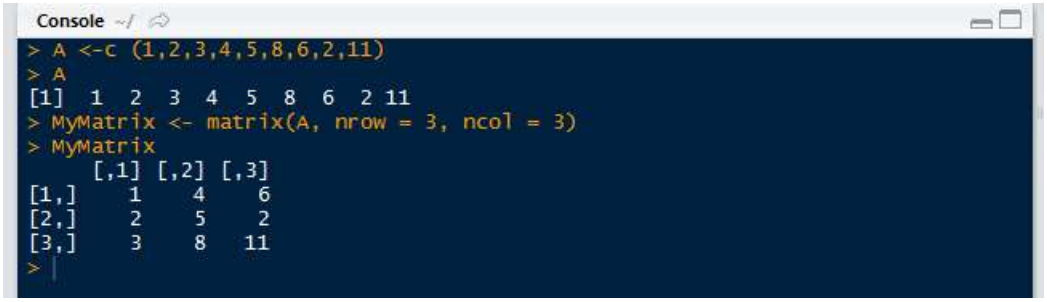
R Commands:

A <-c (1,2,3,4,5,8,6,2,11)

A

MyMatrix <- matrix(A, nrow = 3, ncol = 3)

MyMatrix



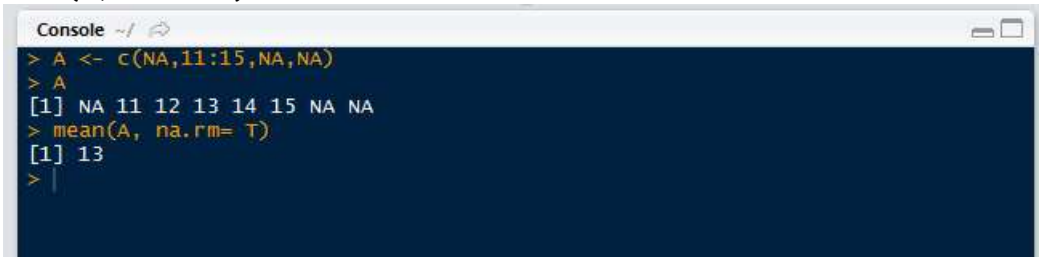
3. Consider the following vector a<-c(NA,11:15,NA,NA) remove all the NA and find the mean of the vector

R Commands:

A <- c(NA,11:15,NA,NA)

A

mean(A, na.rm = T)



4. Consider the vector x=c(”apple”,”banana”,”grape”)
Replace the first occurrence of a with ‘$’
R Commands:

```
x <- c("apple","banana","grape")
x
x <- sub("a","$",x)
x
```