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

Ans-

>Num <- 1:100; seq(1,100,2)

Q 2. Create the numerical vector with following values

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

Ans-

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

Q 3. Create 3x3 matrix from the vector?

Ans- mat <- matrix(X,nrow=3,ncol=3)

Q 4. Consider the following vector a<-c(NA,11:15,NA,NA) remove all the NA and find the mean of the vector?

Ans-

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

> mean(a, na.rm=TRUE)

Q 5. Consider the vector x=c("apple", "banana", "grape"), Replace the first occurrence of a with '$' ?

Ans-

> x=c("apple", "banana", "grape")

> sub("a","$",x)