#Session-3: Basic Operations in R Assignments

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

Creating a numerical vector

a<-(1:100)

-> Creating loop in which i is incremented

for (i in a)

{

if (i%%2==1) -> Using percent Modulus to find the no of number of odd numbers

# Printing odd numbers between 1 to 100

print(i)

}

#2) Create the numerical vector with following values

z<-c(1:5,8,6,2,11)

z

3) Create 3x3 matrix from the vector

M<-matrix(z,nrow=3,byrow = TRUE)

print(M)

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

mean of the vector

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

a

mean(a,na.rm=T)

5) Consider the vector x=c("apple","banana","grape").

Replace the first occurrence of a with '$'

x<-c("apple","banana","grape")

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