**Assignment 6**

**Write a function that tests whether a string is a palindrome.**

Palindrome<-function(str)

{

a <- unlist(strsplit(str,""))

b <- rev(a)

if(all(a==b))

return(TRUE)

else

return(FALSE)

}

s=readline("Enter string:")

if(Palindrome(s))

{print('String is a palindrome')

}else{

print('String is not a palindrome')}

**Output**

