**Assignment 7**

**Write a function to implement Linear Search**

linear\_search<-function(v,n)

{

flag=FALSE

j=1

for (i in v)

{

if(i==n)

{

flag=TRUE

print(paste("Element found at position",j))

}

j=j+1

}

if(flag==FALSE)

{

print("Element not found")

}

}

print("Enter elements of vector:")

v=scan()

n=readline("Enter element to search : ")

linear\_search(v,n)

**Output**

