# Assignment (5.3) 23- Dec 2017

1. Test whether two vectors are exactly equal (element by element).

vec1 = c(rownames(mtcars[1:15,]))

vec2 = c(rownames(mtcars[11:25,]))

**Sol:** - vec1 %in% vec2

2. Sort the character vector in ascending order and descending order.

vec1 = c(rownames(mtcars[1:15,]))

vec2 = c(rownames(mtcars[11:25,]))

**Sol: -** sort(vec1)

sort(vec1,decreasing = T)

sort(vec2)

sort(vec2,decreasing = T)

3. What is the major difference between str() and paste() show an example.

**Sol :-** str() It provides great information about the structure of some object.

str(object, …..)

paste()Concatenate vectors after converting to character.

paste(…., sep = “ “, collapse = NULL)

4. Introduce a separator when concatenating the strings

**Sol:-** temp <- c("Sandeep","Rahul")

paste(temp,collapse="-")

s1<- "Sandeep"

s2<-"Rahul"

paste(s1,s2,sep="-")