Assignment 3.3

1)

data("mtcars")

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

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

Ans:

identical(vec1,vec2,num.eq = T)

identical(vec1,vec2)

[1] FALSE

> identical(vec1,vec2,num.eq = T)

[1] FALSE

sort(vec1)

sort(vec1)

[1] "Cadillac Fleetwood" "Datsun 710" "Duster 360" "Hornet 4 Drive" "Hornet Sportabout"

[6] "Mazda RX4" "Mazda RX4 Wag" "Merc 230" "Merc 240D" "Merc 280"

[11] "Merc 280C" "Merc 450SE" "Merc 450SL" "Merc 450SLC" "Valiant"

sort(vec2)

|  |
| --- |
| sort(vec2)  [1] "AMC Javelin" "Cadillac Fleetwood" "Camaro Z28" "Chrysler Imperial" "Dodge Challenger"  [6] "Fiat 128" "Honda Civic" "Lincoln Continental" "Merc 280C" "Merc 450SE"  [11] "Merc 450SL" "Merc 450SLC" "Pontiac Firebird" "Toyota Corolla" "Toyota Corona" |
|  |
| sort(vec1,decreasing = T)  [1] "Valiant" "Merc 450SLC" "Merc 450SL" "Merc 450SE"  [5] "Merc 280C" "Merc 280" "Merc 240D" "Merc 230"  [9] "Mazda RX4 Wag" "Mazda RX4" "Hornet Sportabout" "Hornet 4 Drive"  [13] "Duster 360" "Datsun 710" "Cadillac Fleetwood"  > sort(vec2, decreasing = T)  [1] "Toyota Corona" "Toyota Corolla" "Pontiac Firebird" "Merc 450SLC"  [5] "Merc 450SL" "Merc 450SE" "Merc 280C" "Lincoln Continental"  [9] "Honda Civic" "Fiat 128" "Dodge Challenger" "Chrysler Imperial"  [13] "Camaro Z28" "Cadillac Fleetwood" "AMC Javelin"  3)  Major diff btw str() and paste()  Paste() converts its arguments ( via as.character ) to character strings, and concatenates them ( separating them by the string given by sep ) .  If the arguments are vectors, they are concatenated term-by-term to give a character vector result. Vector argumenta are recycled as needed, with zero-length arguments being recycled to “ ”.  Str() Compactly displays the internal structure of any R object, a diagnostic function and an alternative to summary(),  Ideally, only one line of each ‘basic’ structure is displayed.  It is especially well suited to compactly display the contents of lists.  Introduce a separator when concatenating the srtings  paste("My", "Name is","Srinivas",sep = "-")  [1] "My-Name is-Srinivas"  cat("I want to change","my job", sep = " ")  I want to change my job   |  | | --- | |  | |