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

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

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

|  |
| --- |
| vec1 = c(rownames(mtcars[1:15,]))  > vec2 = c(rownames(mtcars[11:25,]))  > vec1  [1] "1" "2" "3" "4" "5" "6" "7" "8" "9" "10" "11" "12" "13" "14" "15"  > vec2  [1] "11" "12" "13" "14" "15" "16" "17" "18" "19" "20" "21" "22" "23" "24" "25" |
|  |
| |  | | --- | | > | |

Its throwing error in file mtcars

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

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

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

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

In str() – column details are provided such as whether the values(class) are integer, numeric, character etc & also gives the names of the column.

While paste()- give all the values in column but don’t give name of the column

str(cs2m)

Classes ‘tbl\_df’, ‘tbl’ and 'data.frame': 30 obs. of 7 variables:

$ BP : int 100 120 110 100 95 110 120 150 160 125 ...

$ Chlstrl : int 150 160 150 175 250 200 180 175 185 195 ...

$ Age : int 20 16 18 25 36 56 59 45 40 20 ...

$ Prgnt : int 0 0 0 0 0 0 0 0 0 1 ...

$ AnxtyLH : int 0 0 0 0 0 1 1 1 1 0 ...

$ DrugR : int 0 0 0 0 0 0 0 0 0 0 ...

$ chlst\_bp: num 1.5 1.33 1.36 1.75 2.63 ...

> paste(cs2m)

[1] "c(100, 120, 110, 100, 95, 110, 120, 150, 160, 125, 135, 165, 145, 120, 100, 100, 95, 120, 125, 130, 120, 120, 125, 115, 150, 130, 170, 145, 180, 140)"

[2] "c(150, 160, 150, 175, 250, 200, 180, 175, 185, 195, 190, 200, 175, 180, 180, 160, 250, 200, 240, 172, 130, 140, 160, 185, 195, 175, 200, 210, 200, 190)"

[3] "c(20, 16, 18, 25, 36, 56, 59, 45, 40, 20, 18, 25, 30, 28, 21, 19, 18, 30, 29, 30, 35, 38, 32, 40, 65, 72, 56, 58, 81, 73)"

[4] "c(0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0)"

[5] "c(0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1)"

[6] "c(0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1)"

[7] "c(1.5, 1.33333333333333, 1.36363636363636, 1.75, 2.63157894736842, 1.81818181818182, 1.5, 1.16666666666667, 1.15625, 1.56, 1.40740740740741, 1.21212121212121, 1.20689655172414, 1.5, 1.8, 1.6, 2.63157894736842, 1.66666666666667, 1.92, 1.32307692307692, 1.08333333333333, 1.16666666666667, 1.28, 1.60869565217391, 1.3, 1.34615384615385, 1.17647058823529, 1.44827586206897, 1.11111111111111, 1.35714285714286)"

4. Introduce a separator when concatenating the strings