Assignment 5.3 / Shalini Raghaviah

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

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| --- |
| all.equal.character(vec1,vec2)  [1] "Lengths (15, 23) differ (string compare on first 15)"  [2] "15 string mismatches" |
|  |
| |  | | --- | | > | |

Sort character vector in ascending and descending order.

> vec1\_asc<-sort(vec1,decreasing = FALSE)

> vec1\_asc

[1] "1" "10" "11" "12" "13" "14" "15" "2" "3" "4" "5" "6" "7" "8" "9"

> vec2\_asc<-sort(vec2,decreasing = FALSE)

> vec2\_asc

|  |
| --- |
| [1] "10" "11" "12" "13" "14" "15" "16" "17" "18" "19" "20" "21" "22" "23" "24" "25" "26" "27"  [19] "28" "29" "30" "31" "32" |
|  |
| |  | | --- | | > | |

\*Due to problem in the file, this is happening.

2. What is the major difference between string and paste?

Paste converts its arguments, via as.character, to character strings and concatenates them.

> paste("Hey","there",sep="",collapse="-")

[1] "Heythere"

String compactly displays the structure of an R object.

> a<-c(12,11,45,67)

4. Introduce a separator when concatenating strings.

> paste("There","is","so","much","to","learn",sep="--")

[1] "There--is--so--much--to--learn"