

Test Cases#:

1. sample test:

1.1 string1 < string2

inputs: "abcdef", "vwxyz"

output: "Results: string 1 < string 2, outputString: fedcbazyxwvu"

1.2 string1 = string2

inputs: "abcdef", "abcdef"

output: "Results: string 1 = string 2, outputString: aabbccddeeff"

1.3 string 1 > string2

inputs: "vwxyz", "abcdef"

output: "Results: string 1 > string 2, outputString: zfyexdwcvbua"

2. empty string

2.1 Two empty strings

inputs: "\n", "\n"

output: "Results: string 1 = string 2, outputString:"

2.2. one empty string, one normal string

inputs: "\n", "01010101"

output: "Results: string 1 < string 2, outputString: 10101010"

2.3 one normal string, one empty string

inputs: "01010101", "\n"

output: "Results: string 1 > string 2, outputString: 10101010"

inputs: "!9fe}eANX", "\n"

output: "Results: string 1 > string 2, outputString: XNAe}ef9!"

3. Two strings have same length,

3.1 different contents, string 1 < string 2

inputs: "abelfeji0efe", "jjiette"

output: "Results: string 1 < string 2, outputString: efe0ijef1ebaetteijj"

3.2 two strings have same length, same contents, string 1 = string 2

inputs: "f69feit", "1Wo0feots"

output: "Results: string 1 > string 2, outputString: tsiteofe9f06oWf1"

Note: the test sample above, for easy to read in test document, using ⊗ instead of white space.

On console test, white space input white space

3.3 two strings have same length, different contents, string 1 > string 2

inputs: "qwertyuiop", "afeotsxtd"

output: "Results: string 1 > string 2, outputString: pdotiiuxysttroeewfq"

4. Two strings have different length

4.1 string 1 > string 2

inputs: "qw", "abetifjeit2"

output: "Results: string 1 > string 2, outputString: w2qtiejfiteba"

4.2 string 1 < string 2

inputs: "(*09874675", "aeit"

output: "Results: string 1 < string 2, outputString: 57647890*((tiea"

4.3 string 1 < string 2, and string 1 is the substring of string 2

inputs: "Hello", "Hello,World!"

output: "Results: string 1 < string 2, outputString: olleH!dlroW,olleH"

4.4 string 1 > string 2, and string 2 is the substring of string 1

inputs: "I'mTheBest1", "I'm"

output: "Results: string 1 > string 2, outputString: 1mt'sIeBehTm'I"