

Useful String / Array methods

1. **str.length()** -> number of characters

"Hello".length() -> 5

2. **str.isEmpty()** -> true for null, ""

String str = null;

str.isEmpty() -> true

"".isEmpty() -> true

3. **str.isBlank()** -> true for null, "" and " "

String str = null;

str.isBlank() -> true

"".isBlank() -> true

" ".isBlank() -> true

4. **str.toCharArray()** -> break down string into character array

"Hello".length() -> ['H', 'e', 'l', 'l', 'o']

5. **java.util.Arrays.sort(arr)** -> sort the array in-place

['H', 'e', 'l', 'l', 'o'].sort() : ['H', 'e', 'l', 'l', 'o']

6. **str.split(delimiterStr)** -> breaks string into an array of strings. the items are the pieces broken by the delimiter.

"Hello world how do you do?".split(" ") -> ["Hello", "world", "how", "do", "you", "do?"]

"Hello".split("") -> ["H", "e", "l", "l", "o"]

7. **str.toUpperCase()** / **str.toLowerCase()** -> new string with letters all in upper case / lower case

"Hello".toUpperCase() -> "HELLO"

"Hello".toLowerCase() -> "hello"