

## **String Methods**

(<https://docs.oracle.com/en/java/javase/11/docs/api/java.base/java/lang/String.html>)

concat(String str) – adds string to the end of string – useful for adding words to a sentence.

contains(CharSequence cs) – returns true if string includes char values – useful if checking string for a specific character.

isEmpty() – returns true if length of string is 0 – useful for checking if string is present.

length() – returns length of string as int – useful for looping a certain number of times or checking how long a word is.

toLowerCase() – converts each character in string to lowercase – useful for adjusting an users input string.

## **Array Methods**

(<https://docs.oracle.com/javase/8/docs/api/java/lang/reflect/Array.html>)

(<https://docs.oracle.com/javase/7/docs/api/java/util/Arrays.html>)

getChar(Object array, int index) – returns value of indexed element as char – useful for accessing a specific element.

getLength(Object array) – returns length of array as int – useful for looping through array.

setChar(Object array, int index, char c) – sets value of element in specific index of array – useful for adjusting value of specific element.

copyOfRange(double[ ] original, int from, int to) – returns copy of specified range in new array – useful when only part of an array is needed.

equals(int[ ] a, int[ ] a2) – returns true if arrays are equal to each other – useful when comparing different arrays.

My favorite thing I learned this week was how to make a function that loops through an array and prints each element.