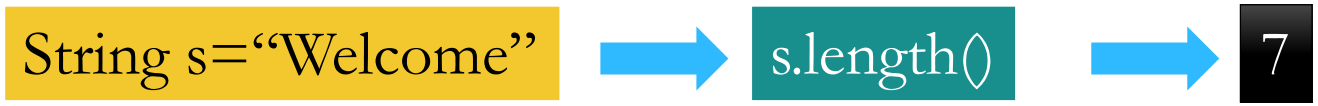
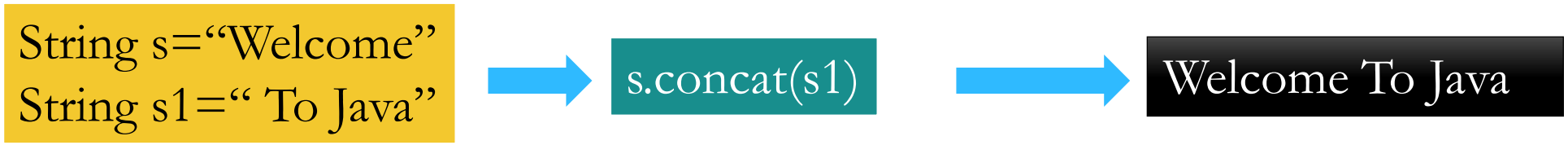
Java

Strings

- **length():** It returns count of total number of characters present in the String.



- **concat() :** Combines a specific string at the end of another string and ultimately returns a combined string. It is like appending another string.



- **trim()** : The java string trim() method removes the leading and trailing spaces.

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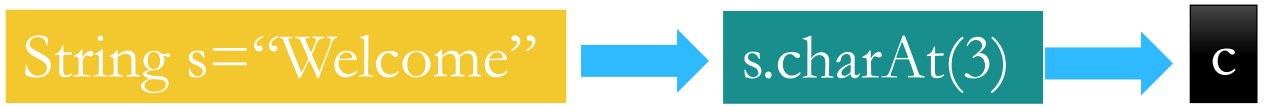
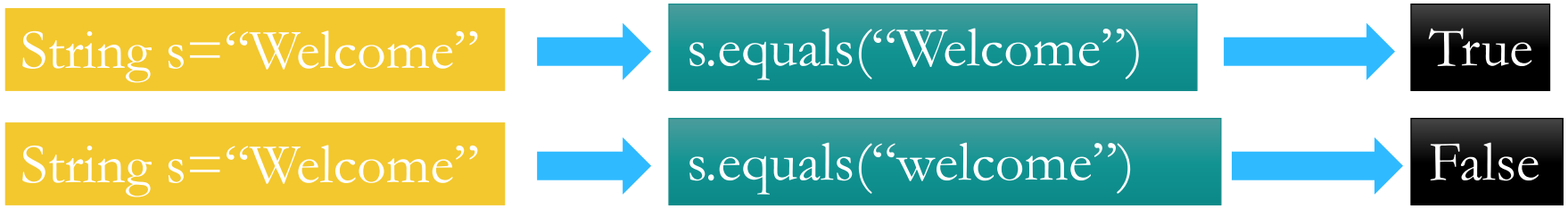
- **charAt():** Returns a char value at the given index number. The index number starts from 0.



- **contains()** : Searches the sequence of characters in this string. It returns true if sequence of char values are found in this string otherwise returns false.

- **equals() :** Compares the two given strings based on the content of the string. If any character is not matched, it returns false. If all characters are matched, it returns true.



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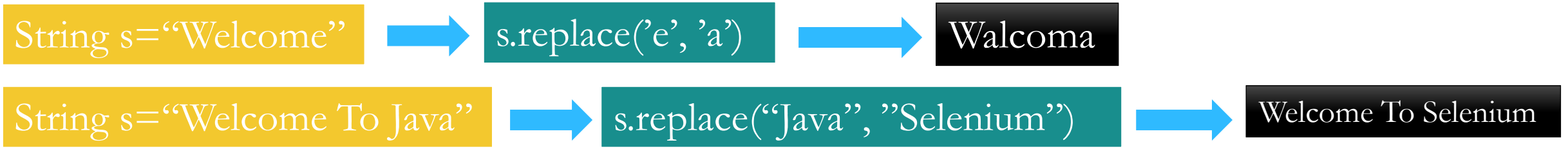
- **equalsIgnoreCase() :** Compares two string on the basis of content but it does not check the case like equals() method. In this method, if the characters match, it returns true else false.

- **replace():** Returns a string, replacing all the old characters or CharSequence to new characters. There are 2 ways to replace methods.



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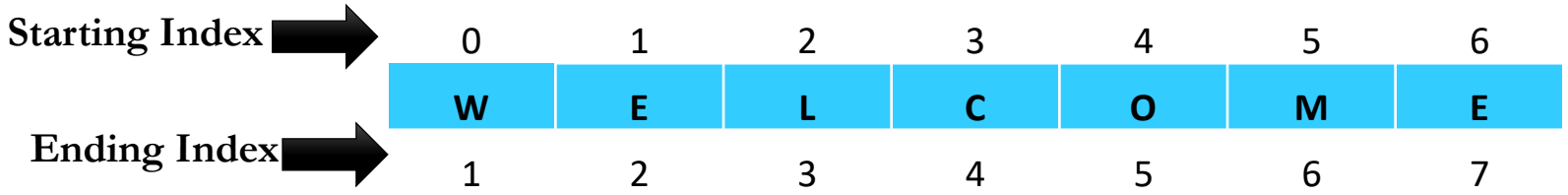
- **Substring() :** Returns substring of a string based on starting index and ending index.



String s="Welcome" → s.substring(1,3) → el

String s="Welcome" → s.substring(0,4) → Welc

String s="Welcome" → s.substring(2,4) → lc

Strings

- **toLowerCase():** returns the string in lowercase letter.

- **toUpperCase():** returns the string in Uppercase letter.

Assignment (Strings)

1. Write a java program to compare two strings, ignoring case differences.
2. Write a Java program to concatenate a given string to the end of another string.
3. Write a java program to get the length of a given string
4. Write a Java program to get a substring of a given string between two specified positions
5. Write a Java program to convert all the characters in a string to uppercase.
6. Write a Java program to convert all the characters in a string to lowercase.
7. Write a Java program to reverse a string.
8. Write a Java program to count number of time a character repeated in a string.
9. Write a Java program to convert integer to string.
10. Write a Java program to convert string to integer.
11. Write a Java program to Swap the 2 strings.
12. Write a program to check a string is palindrome or not