String API (Note: Strings are *immutable*)

Properties

`public boolean isEmpty()`	Returns true if and only if the `length()` is zero.
`public int length()`	Gets the length of the String.

Comparison

`public int compareTo(String other)`	Returns 0 if strings are equal, -1 if current string is "less than" input; positive value if current string is "greater than" input.
`public boolean equals(String other)`	Tests if two strings are equal. Case sensitive.

Extraction

`public char charAt(int pos)`	Returns the character at the given position, pos.
`public String[] split(String delimiter)`	Splits the string into substrings around the given delimiter.
`public String substring(int begin)`	Returns a copy of the String starting from position `begin` to the end.
`public String substring(int begin, int end)`	Returns a copy of the String starting from position `begin`, ending at position end − 1.

Manipulation

`public String toLowerCase()`	Returns a copy of the String in lower case.
`public String toUpperCase()`	Returns a copy of the String in upper case.
`public String trim()`	Returns a copy of the String omitting any leading and trailing spaces.

Search and Replace

`public int indexOf(String str)`	Returns starting position of str if found, or -1 if not found in the current string
`public String replace(String key, String rep)`	Returns a copy of the String after replacing all occurrences of key with rep