



Java String Methods

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All String Methods

The String class has a set of built-in methods that you can use on strings.

Method	Description	Return Type
<u>charAt()</u>	Returns the character at the specified index (position)	char
<u>codePointAt()</u>	Returns the Unicode of the character at the specified index	int
<u>codePointBefore()</u>	Returns the Unicode of the character before the specified index	int
<u>codePointCount()</u>	Returns the number of Unicode values found in a string.	int
<u>compareTo()</u>	Compares two strings lexicographically	int
<u>compareToIgnoreCase()</u>	Compares two strings lexicographically, ignoring case differences	int
<u>concat()</u>	Appends a string to the end of another string	String

<u>contains()</u>	Checks whether a string contains a sequence of characters	boolean
<u>contentEquals()</u>	Checks whether a string contains the exact same sequence of characters of the specified CharSequence or StringBuffer	boolean
<u>copyValueOf()</u>	Returns a String that represents the characters of the character array	String
<u>endsWith()</u>	Checks whether a string ends with the specified character(s)	boolean
<u>equals()</u>	Compares two strings. Returns true if the strings are equal, and false if not	boolean
<u>equalsIgnoreCase()</u>	Compares two strings, ignoring case considerations	boolean
<u>format()</u>	Returns a formatted string using the specified locale, format string, and arguments	String
<u>getBytes()</u>	Encodes this String into a sequence of bytes using the named charset, storing the result into a new byte array	byte[]
<u>getChars()</u>	Copies characters from a string to an array of chars	void
<u>hashCode()</u>	Returns the hash code of a string	int
<u>indexOf()</u>	Returns the position of the first found occurrence of specified characters in a string	int
<u>intern()</u>	Returns the canonical representation for the string object	String
<u>isEmpty()</u>	Checks whether a string is empty or not	boolean
<u>lastIndexOf()</u>	Returns the position of the last found occurrence of specified characters in a string	int
<u>length()</u>	Returns the length of a specified string	int

<code>matches()</code>	Searches a string for a match against a regular expression, and returns the matches	boolean
<code>offsetByCodePoints()</code>	Returns the index within this String that is offset from the given index by codePointOffset code points	int
<code>regionMatches()</code>	Tests if two string regions are equal	boolean
<code><u>replace()</u></code>	Searches a string for a specified value, and returns a new string where the specified values are replaced	String
<code>replaceFirst()</code>	Replaces the first occurrence of a substring that matches the given regular expression with the given replacement	String
<code>replaceAll()</code>	Replaces each substring of this string that matches the given regular expression with the given replacement	String
<code>split()</code>	Splits a string into an array of substrings	String[]
<code><u>startsWith()</u></code>	Checks whether a string starts with specified characters	boolean
<code>subSequence()</code>	Returns a new character sequence that is a subsequence of this sequence	CharSequence
<code>substring()</code>	Returns a new string which is the substring of a specified string	String
<code>toCharArray()</code>	Converts this string to a new character array	char[]
<code><u>toLowerCase()</u></code>	Converts a string to lower case letters	String
<code>toString()</code>	Returns the value of a String object	String
<code><u>toUpperCase()</u></code>	Converts a string to upper case letters	String
<code><u>trim()</u></code>	Removes whitespace from both ends of a string	String
<code>valueOf()</code>	Returns the string representation of the specified value	String

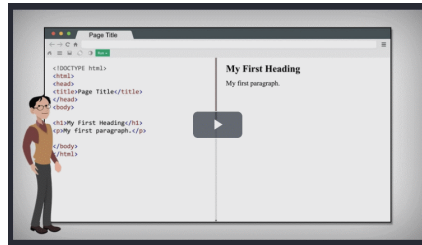
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