

# Java String class methods

The java.lang.String class provides many useful methods to perform operations on sequence of char values.

| No. | Method   | Description  |
|-----|--|--|
| 1   | <code>char charAt(int index)</code>  | returns char value for the particular index                      |
| 2   | <code>int length()</code>  | returns string length  |
| 3   | <code>static String format(String format, Object... args)</code>   | returns a formatted string.                                      |
| 4   | <code>static String format(Locale l, String format, Object... args)</code>                               | returns formatted string with given locale.                      |
| 5   | <code>String substring(int beginIndex)</code>  | returns substring for given begin index.                         |
| 6   | <code>String substring(int beginIndex, int endIndex)</code>  | returns substring for given begin index and end index.           |
| 7   | <code>boolean contains(CharSequence s)</code>  | returns true or false after matching the sequence of char value. |
| 8   | <code>static String join(CharSequence delimiter, CharSequence... elements)</code>                        | returns a joined string.   |
| 9   | <code>static String join(CharSequence delimiter, Iterable&lt;? extends CharSequence&gt; elements)</code> | returns a joined string.   |
| 10  | <code>boolean equals(Object another)</code>  | checks the equality of string with the given object.             |
| 11  | <code>boolean isEmpty()</code>   | checks if string is empty.                                       |
| 12  | <code>String concat(String str)</code>   | concatenates the specified string.                               |
| 13  | <code>String replace(char old, char new)</code>  | replaces all occurrences of the specified char value.            |
| 14  | <code>String replace(CharSequence old, CharSequence new)</code>  | replaces all occurrences of the specified CharSequence.          |

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|----|---|---|
| 15 | <code>static String equalsIgnoreCase(String another)</code> | compares another string. It doesn't check case.                   |
| 16 | <code>String[] split(String regex)</code>                   | returns a split string matching regex.                            |
| 17 | <code>String[] split(String regex, int limit)</code>        | returns a split string matching regex and limit.                  |
| 18 | <code>String intern()</code>                                | returns an interned string.                                       |
| 19 | <code>int indexOf(int ch)</code>                            | returns the specified char value index.                           |
| 20 | <code>int indexOf(int ch, int fromIndex)</code>             | returns the specified char value index starting with given index. |
| 21 | <code>int indexOf(String substring)</code>                  | returns the specified substring index.                            |
| 22 | <code>int indexOf(String substring, int fromIndex)</code>   | returns the specified substring index starting with given index.  |
| 23 | <code>String toLowerCase()</code>                           | returns a string in lowercase.                                    |
| 24 | <code>String toLowerCase(Locale l)</code>                   | returns a string in lowercase using specified locale.             |
| 25 | <code>String toUpperCase()</code>                           | returns a string in uppercase.                                    |
| 26 | <code>String toUpperCase(Locale l)</code>                   | returns a string in uppercase using specified locale.             |
| 27 | <code>String trim()</code>                                  | removes beginning and ending spaces of this string.               |
| 28 | <code>static String valueOf(int value)</code>               | converts given type into string. It is an overloaded method.      |