

CS 125: Selected String Methods

The following are some of the methods provided in the `String` class in the *Java™ 2 Platform Standard* from Sun Microsystems, Inc. These methods are ones you have seen in the course so far.

String Class

Method Summary	
<code>char charAt(int position)</code>	Returns the <code>character</code> in the specified <code>position</code> . <code>position</code> must be a valid position in the String.
<code>boolean equals(Object anObject)</code>	Compares this string to the specified object.
<code>boolean equalsIgnoreCase(Object anObject)</code>	Compares this string to the specified object and ignores the case.
<code>int indexOf(char c)</code>	Returns the index within this String of the first occurrence of the specified character <code>c</code> or returns <code>-1</code> if the character <code>c</code> does not appear in this String.
<code>int indexOf(char c, int pos)</code>	Returns the index within this String of the first occurrence of the specified character <code>c</code> , starting the search at the specified position <code>pos</code> or returns <code>-1</code> if the character <code>c</code> does not appear in this String.
<code>int indexOf(String s)</code>	Returns the index within this String of the first occurrence of the specified String <code>s</code> or returns <code>-1</code> if the String <code>s</code> does not appear in this String.
<code>int indexOf(String s, int pos)</code>	Returns the index within this String of the first occurrence of the specified String <code>s</code> , starting the search at the specified position <code>pos</code> or returns <code>-1</code> if the String <code>s</code> does not appear in this String.
<code>int length()</code>	Returns the number of characters in this String.
<code>String substring(int start)</code>	Returns a new String that is a substring of this String from the <code>start</code> position to the end, including the <code>start</code> position.
<code>String substring(int start, int last)</code>	Returns a new String that is a substring of this String from the start position to the <code>(last - 1)</code> position, including the <code>start</code> position.
<code>String toLowerCase()</code>	Creates a copy of this String with all letters in the new String in lower case.
<code>String toUpperCase()</code>	Creates a copy of this String with all letters in the new String in upper case.