

# CONVERT LISTS TO STRINGS AND BACK

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- convert **string to list** with `list(s)`, returns a list with every character from `s` as an element in `L`
- can use `s.split()`, to **split a string on a character** parameter, splits on spaces if called without a parameter
- use `' '.join(L)` to turn a **list of characters into a string**, can give a character in quotes to add char between every element

<code>s = "I&lt;3 cs"</code>	→ <code>s</code> is a string
<code>list(s)</code>	→ returns <code>['I', '&lt;', '3', ' ', 'c', 's']</code>
<code>s.split('&lt;')</code>	→ returns <code>['I', '3 cs']</code>
<code>L = ['a', 'b', 'c']</code>	→ <code>L</code> is a list
<code>' '.join(L)</code>	→ returns <code>"abc"</code>
<code>'_'.join(L)</code>	→ returns <code>"a_b_c"</code>