

### Methods

<code>regex.test(string)</code>	returns bool
<code>string.match(regex)</code>	returns regex from string w/ extract, index and input
<code>string.replace(regex, input)</code>	replaces regex in string with input (can be function or string)
<code>string.replace(regex, '\$a \$b')</code>	a & b can be capture groups from regex

### Character Classes

<code>\syntax</code>	syntax
<code>\w</code>	<code>[A-Za-z0-9_]</code>
<code>\W</code>	<code>[^A-Za-z0-9_]</code>
<code>\d</code>	<code>[0-9]</code>
<code>\D</code>	<code>[^0-9]</code>
<code>\s</code>	whitespaces and return
<code>\S</code>	NON whitespaces and return

### Patterns

<code>/regex/</code>	literal match
<code>/regex mo-reregex/</code>	Literal match w/ different possibilities
<code>/?/</code>	lazy search
<code>/^a/</code>	returns a if first
<code>/a\$/</code>	returns a if last
<code>/(?=a)/</code>	returns if a is present
<code>/(?!a)/</code>	returns if a is NOT present
<code>./</code>	wildcard character
<code>/a?/</code>	a optional
<code>/[a+]/</code>	a or aa as single match (1 or more)
<code>/[Aa*]/</code>	Aa or A as single matches (0 or more)
<code>/[A-z]{a,b}/</code>	min a, max b
<code>/[A-z]{x,}/</code>	min x times
<code>/[A-z]{x}/</code>	only x times
<code>/[A-z]{,x}/</code>	max x times

### Flags

<code>/regex/flag</code>	structure
<code>i</code>	ignores case
<code>g</code>	global, searches multiple times

### Character Classes & Groups

<code>/[a-z]/</code>	a thru z
<code>/[a-zA-Z]/</code>	a thru z and A thru Z
<code>/[^a]/</code>	exclude a
<code>/(w)/</code>	group
<code>/(w)\1/</code>	reuses (w)



By **jorisd**  
[cheatography.com/jorisd/](https://cheatography.com/jorisd/)

Not published yet.  
 Last updated 18th July, 2023.  
 Page 1 of 1.

Sponsored by **Readable.com**  
 Measure your website readability!  
<https://readable.com>