^	If first in the regex, denotes the start or as a negation	^Hello → string must start with word "Hello"  [^a] → string cannot have the character "a"
\$	Denotes the end of a string	Hello\$ → string must end with word "Hello"
*	Zero or more occurences	ba*b → string has two b's with zero or more a's between them
+	One or more occurences	<b>b</b> (ac) +b → string has two b's with one "ac" r multiple "ac" strings between them
?	Zero or one occurrence	bc?b → string has two b's with nothing between them or a single c
8	Matches a string in the range specified	abc{2, 5} → string starts with ab and follows with two to five c's
() and	Used to provide section of choices	b(a i e)t→ string is either bat, bit, or bet
[]	Same as above	b[aie]t→ string is either bat, bit, or bet

	Any character, can be a alphanumeric or a symbol	<b>b.c</b> → string can bac, b5c, b@c, etc.
[0-9]	Digit from 0 t 9	[0-9] [0-9] → string from 00 to 99
[a-z]	Lowercase letter, switch to capital A and Z for all uppercase letters	<pre>[a-z] + → string with a lowercase characters repeated one or more times</pre>
[a-zA-Z]	A letter, lowercase or uppercase	[a-zA-Z] {2} $\rightarrow$ a two character string with any letter (wE, BP, ee)
\w	A word character: letter, number, or an underscore	<b>\w@gmail.com</b> → hello@gmail.com, 123@gmail.com, b_tr@gmai.com
\d	A digit	\d* → string with zero or more digits (4, 48, 489)
\s	Whitespace character that includes tabs and line breaks	hello\sworld → string has a whitespace character like a tab or line break between the two words

Additional resources <u>here</u> and <u>here</u>.

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