"A regular expression is a specific pattern used in computing that provides concise and flexible means to "match" (specify and recognize) strings of text, such as particular characters, words, or patterns of characters. Common abbreviations for "regular expression" include regex and regexp."

Wikipedia

(in)(in)* (star)Repeat the previous expression 0 or more times (greedy mode)12*3 matches "13", "123", "1223", "1223". It can be used together with . (dot) such as m. *easier to match "maketecheasier".+ (plus)Repeat the previous expression 1 or more times.12+3 matches "123", "1223", "12223". It can be used together with . (dot) such as m. *easier to match "maketecheasier".? (question mark)Match string or more optional.12+3 matches "123", "1223", "12223". It can be used together with . (dot) such as m. *easier to match "maketecheasier".^ (caret)Match from the beginning of the string^he matches "make", "mke"^ (caret)Match from the end of the stringed\$ matches "acted", bed", "greed"() (round bracket, where bracket, where n >= 1)Grouping of characters or expression(ak) matches "nake", "take", '(n,) (n>=1)Match the previous item stardy n times12 { 3, 5 3 matches "12223", "122223", "122223", "122223", It 2223", "12223", "12223", "12223", "12223", "12223", "12223", "12223", "12223", "12223", "12223", "12223"	Character	Description	Example
* (star)Repeat the previous expression 0 or more times (greedy mode)It can be used together with . (dot) such as m.*easier to match "maketecheasier".* (plus)Repeat the previous expression 1 or more times.12+3 matches "123","1223","12223".? (question mark)Makes the previous item optional.12+3 matches "make", "mke"^ (caret)Match from the beginning of the string~he matches "hello", "hell", "help", "he is a boy"\$ (dollar)Match from the end of the stringed\$ matches "acted", bed", "greed"() (round bracket)Grouping of characters or expression(ak) matches "make", "take", '(a) (curly tracket, where n >= 1)Match the previous item exactly n times12 { 3, 5 } 3 matches "12223", "122223", "122223",(a,) (n >=1)Match the previous item exacter in the bracket12 { 2, } 3 matches "aBcd" or "abCd"() (square except for those that are edified in the bracketa [BC] d matches "aec", "acc", "adc", but not "abc"()Match either the expression on the left or right of the pipe.col (o ou) r matches "color", "colour"(pipe)Specify a range of characters to match. Used[a-z] matches all lowercase alphabet.	. (dot)	character, except newline	c.t matches "cat", "cut" or "cot."
+ (plus) expression 1 or more times. 12+3 matches "123","1223","1223" ? (question mark) Makes the previous item optional. ma?ke matches "make", "mke" ^ (caret) Match from the beginning of the string ~he matches "hello", "hell", "help", "he is a boy" \$ (dollar) Match from the end of the string ed\$ matches "acted", bed", "greed" () (round Grouping of characters or bracket) (ak) matches "make", "take", ' (n) (curly bracket, where maching n >= 1) Match the previous item exactly n times 12{3}5 matches "12223", "12223", "122223", "122223" (n,m) (n>=1) Match the previous item between n and m times 12{2,353 matches "1223", "12223", "122223", "122223" (n,) (n>=1) Match the previous item teast n times 12{2,353 matches "12223", "12223", "122223", "122223" (n,) (n>=1) Match any single characters in the bracket 12{2,33 matches "aBcd" or "abCd" (n,) (n>=1) Match any character except for those that are defined in the bracket a [BC] d matches "aBcd" or "abCd" [] (square duft her the expression on the left or right of the pipe. a [^b] c matches "lace", "acc", "adc", but not "abc" [] (specify a range of characters to match. Used a [^b] c matches all lowercase alphabet.	* (star)	expression 0 or more	It can be used together with . (dot) such as m.*easier to
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m > n)between n and m times $12\{3,5\}3$ matches 12223^3 , 12223^3 , 12223^3 , 122223^3 , 122223^3 , 122223^3 , 122223^3 , 122223^3 , 122223^3 , 122223^3 , 122223^3 , 12223^3 , 12223^3 , 12223^3 , 12223^3 , 122223^3 , 122223^3 , 122223^3 , 12223^3 , 12223^3 , 12223^3 , 12223^3 , 12223^3 , 12223^3 , 12223^3 , 123^3 , 123^3 , 123^3 , 123^3 , 123^3 , 123^3 , 123^3 , 123^3 , 123^3 , 123^3 , 123^3 , 123^3 , 123^3 , 123^3 , 123^3 , 123^3 , 123^3 , 123^3 , $123^$	<pre>{n} (curly bracket, where n >= 1)</pre>		12{3}5 matches "12225"
Image: The second state in times Image: Text and times Image: Text and times Image: Image: Text and times Image: Text and times Image: Text and times Image: Image: Text and times Image: Text and times Image: Text and times Image: Image: Text and times Image: Text and times Image: Text and times Image: Image: Text and times Image: Text and times Image: Text and times Image: Text and times Image: Text and times Image: Text and times Image: Text and times Image: Text and times Image: Text and times Image: Text and times Image: Text and times Image: Text and times Image: Text and times Image: Text and times Image: Text and times Image: Text and text an	{n,m} (n >=1, m > n)	•	12 { 3, 5 } 3 matches "12223", "122223", "1222223"
bracket) character in the bracket a [BC] a matches about of about [^] Match any character except for those that are defined in the bracket a [^b] c matches "aec", "acc", "adc", but not "abc" (pipe) Match either the expression on the left or right of the pipe. col (o ou) r matches "color", "colour" - (hypen) Specify a range of characters to match. Used [a-z] matches all lowercase alphabet.	{n,} (n>=1)	•	12{2,}3 matches "1223", "12223", "122223"
[^]except for those that are defined in the bracketa [^b] c matches "aec", "acc", "adc", but not "abc"(pipe)Match either the expression on the left or right of the pipe.col (o ou) r matches "color", "colour"- (hypen)Specify a range of characters to match. Used[a-z] matches all lowercase alphabet.	[] (square bracket)		a [BC] d matches "aBcd" or "abCd"
(pipe) expression on the left or right of the pipe. col(o ou) r matches "color", "colour" Specify a range of characters to match. Used [a-z] matches all lowercase alphabet.	[^]	except for those that are	a[^b]c matches "aec", "acc", "adc", but not "abc"
$(hypen)$ (haracters to match. Used $\begin{bmatrix} a-2 \end{bmatrix}$ matches all uppercase alphabet	∣ (pipe)	expression on the left or	col (o ou) r matches "color", "colour"
bracket.	- (hypen)	characters to match. Used mostly with square	[A-Z] matches all uppercase alphabet.
\ (backslash) Escape a special a∖*c matches "a*c".	\ (backslash)	Escape a special	a∖*c matches "a*c" .

Property of Make Tech Easier (http://maketecheasier.com)

Character	Description	Example
	character	
\n, \r, \t,\d, \w,\s	match a newline, return, tab, digit, word, whitespace character respectively	
\D, \W, \S	Negate version of \d, \w, \s. Match (not digit), (not word), (not whitespace) character respectively.	
\b\b	Match a string at the boundary Can be used to match a word in a phrase.	\bTech\b matches the word "Tech" in the phrase "Make Tech Easier".
\B\B	Match a string not within the boundary. Can be ued to match a string within another string	\BTech\B matches "Tech" in "MakeTechEasier", but not in "Make Tech Easier".
[\b]	When used inside a square bracket, \b matches a backspace character	

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