Regular Expression Basics	
	Any character except newline
а	The character a
ab	The string ab
a b	a or b
a*	0 or more a's
١	Escapes a special character

Regular Expression Quantifiers	
*	0 or more
+	1 or more
?	0 or 1
{2}	Exactly 2
{2, 5}	Between 2 and 5
{2,}	2 or more
(,5}	Up to 5
Default is greedy. Append? for reluctant.	

Regular Expression Groups		
()	Capturing group	
(?P <y>)</y>	Capturing group named Y	
(?:)	Non-capturing group	
\Y	Match the Y'th captured group	
(?P=Y)	Match the named group Y	
(?#)	Comment	

Regular Expression Character Classes		
[ab-d]	One character of: a, b, c, d	
[^ab-d]	One character except: a, b, c, d	
[/b]	Backspace character	
\d	One digit	
\D	One non-digit	
\s	One whitespace	
\S	One non-whitespace	
\w	One word character	
\W	One non-word character	

Regular Expression Assertions	
٨	Start of string
\ <b>A</b>	Start of string, ignores m flag
\$	End of string
\Z	End of string, ignores m flag
/b	Word boundary
\B	Non-word boundary
(?=)	Positive lookahead
(?!)	Negative lookahead
(?<=)	Positive lookbehind
(? )</td <td>Negative lookbehind</td>	Negative lookbehind
(?() )	Conditional

Regular Expression Flags	
i	Ignore case
m	^ and \$ match start and end of line
s	. matches newline as well
x	Allow spaces and comments
L	Locale character classes
u	Unicode character classes
(?iLmsux)	Set flags within regex

Regular Expression Special Characters		
∖n	Newline	
\r	Carriage return	
\t	Tab	
\YYY	Octal character YYY	
\x <b>Y</b> Y	Hexadecimal character YY	

Regular Expression Replacement		
\g<0>	Insert entire match	
\g <y></y>	Insert match Y (name or number)	
\Y	Insert group numbered Y	

New to Debuggex? Check out the regex tester (/?flavor=python)!

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