6/4/2		xpressions Quick Reference Page 1 [\p{Letter}] Characters with Unicode Category = Letter
	hors	[\P{Letter}] Match everything except Letters.
	Beginning of a paragraph	[\p{numeric_value=9}] Match all numbers with a numeric value of 9.
١	End of a paragraph. Line terminating characters are \u000a, \u000b, \u000b, \u000c, \u000d, \u000d, \u000d	Any Unicode Property may be used. [\p{Letter}&&\p{script=cyrillic}] Logical AND or intersection.
	\u000a	Match the set of all Cyrillic letters
	\$ on its own matches end of paragraph chars for search & replace of paragraph breaks	[\p{Letter}\p{script=latin}] Subtraction. Match all non-Latin
	Word boundary	letters.
	Not a word boundary	Look-Around
	Beginning of the input	Finds a match to a group without advancing the input position
	Terminates a \Q \E quoted sequence	(?=) Look-ahead
	The current position is at the end of the previous match	(?!) Negative look-ahead
	Quotes all following characters until \E	(?<=) Look-behind assertion, with the last character of the match
	End of input	being the input character just before the current position (no * or +
	End of input, but before the final line terminator, if one exists	operators)
	rnation	(?) Negative Look-behind assertion (no * or + operators)</td
	Finds either the terms to the left or to the right of the	Quantifiers
		Finds the preceding char, class, or reference a certain number of times within
	racters paracters are literal except for * ? + [() { } ^ \$ \ .	a paragraph. Unless a quantifier mode is appended, the mode is greedy.
	Any single character except for a line break or paragraph break	? 0 or 1
	Escapes the following character, except for \n, \t, \>, and \<	* 0 or more
	Line break made with Shift-Enter	+ 1 or more
•	Line break made with Shift-Enter Horizontal Tab \u0009	{x} Exactly x times
	Number or decimal digit	{x,y} From x to y times
	Not a decimal digit	{x,} A minimum of x times
	Line Feed \u000A	Quantifier Modes
	Carriage Return \u000D.	Greedy operators match as many times as possible. Lazy operators match as
	New line character, or the sequence CR LF. The new line characters are	few as possible. Possessive operators eliminate backtracking to find a better
	\u000a, \u000b, \u000c, \u000d, \u0085, \u2028, \u2029	match.
	White space character. [\t\n\f\r\p{Z}]	? Makes the preceding quantifier lazy, like ?? *? +? {x}? etc.
	Non-white space character	+ Makes the preceding quantifier possessive like ?+ *+ ++ {x}+ etc.
	New line character \u000a, \u000b, \u000c, \u000d, \u0085, \u2028,	References and Groups
	\u2029. Does not match the CR LF	() Chars inside the parentheses are a group available after the match
V I	Non-new line character	(?:) Non-capturing group
w V	Word character	(?>) Atomic-match parentheses. First match of group is the only one
W I	Non-word character.	tried; if it does not lead to an overall pattern match, back up the search
Chai	racters-Extended	for a match to a position before the "(?>"
al	Bell \u0007	(?#) Free-format comment
cx (Control-X	(? <name>) Named capture group. The <angle brackets=""> are literal -</angle></name>
e l	Escape \u001B	they appear in the pattern.
∖f I	Form Feed \u000C	\k <name> Named Capture Back Reference</name>
h I	Horizontal White Space character	\n Back Reference. Match whatever the nth capturing group matched
H I	Non-Horizontal White Space character	Replace Syntax
N{C	HAR NAME } Named Unicode character	All characters are literal except the following:
p{P	ROP NAME} Any character with the specified Unicode Property	& or \$0 Entire found string
P	ROP NAME} Any character not having the specified Unicode Property	\$x The text from reference x (starting at 1)
uhh	hh A four-digit hexadecimal Unicode code	\n Paragraph break
Uhh	hhhhhh An 8-digit hexidecimal Unicode code	Flags
xhh	Character with two digit hex value hh	(?i) Case insensitive
∖x{h	hhh} Character with hex value hhhh (1 to 6 hex digits)	(?s) DotAll mode. Dot (.) matches newline characters
X	Grapheme Cluster	(?m) Multiline mode. ^ and \$ match the beginning and end of every line
000	o Octal character (1-3 digits). The leading zero is required	(?w) Use Unicode UAX 29 word boundary definitions
Chai	racter Sets/Classes	(?x) Allow use of white space and #comments within patterns. To matc
	123] Any of the characters	a space character enter it as []
a-e] Any one the characters that from a to e, inclusive	Multiple flags may be combined. Use - to disable flags.
a-e	h-x] Any one the characters that from a to e, or h-x	(?ismwx-ismwx) Change the flag settings. Changes apply to the portion of
	e][h-x]] Any one the characters that from a to e, or h-x	the pattern following the setting
[^a]		(?ismwx-ismwx:) Evaluate the parenthesized expression with the
[^a-	s] Any character that is not between a and s	specified flags enabled or disabled
、	Escapes the following character in a class. Needed for [] \ and	
9	sometimes - &	
	000-\u0010ffff] Unicode Range	