Regular Expressions

Quantifiers

*n**	0 or more *n*
n+	1 or more *n*
n?	0 or 1 *n*
n{2}	Exactly 2 *n*
n{2,}	2 or more *n*
n{2,4}	2, 3 or 4 *n*

Ranges

.	Any character except new line (\n)
(A|B)	A or B
(...)	Group
[ABC]	Range (A, B or C)
[^ABC]	Not A, B or C
[A-Z]	Character between A and Z, upper case
[0-9]	Number between 0 and 9
[A-Z0-9]	Characters between A and Z, and numbers between 0 and 9
$*n*	nth group/sub pattern

Anchors

^	Start of line
$	End of line
\\A	Start of line
\\Z	End of line

Character Classes

\\w	Word (a-z, A-Z, 0-9, including _ (underscore))
\\W	Non-word
\\d	Digit (0-9)
\\D	Non-digit
\\s	Whitespace
\\S	Not whitespace
\\b	Match at beginning or end
\\B	Do not match at beginning or end
\\0	NUL character
\\n	New line

Assertions

n(?=*o*)	*n* followed by *o* (not matching *o*)
n(?!*o*)	*n* not followed by *o* (not matching *o*)