

CS 288 2018S Section 006

Regular Expressions Summary

<code>\.</code>	Period
<code>a b</code>	Matches a or b
<code>()</code>	Capture group
<code>\n</code>	Backreference, n is between 1 and 9
<code>[abc]</code>	Only a, b, or c
<code>[^abc]</code>	Not a, b, nor c
<code>[a-z]</code>	Lowercase letters a through z
<code>[0-9]</code>	Numerals 0 through 9
<code>{m}</code>	m repetitions
<code>{m,n}</code>	m to n repetitions
<code>{m,}</code>	At least m repetitions
<code>{,n}</code>	At most n repetitions
<code>^</code>	Starts
<code>\$</code>	Ends
<code>*</code>	Zero or more
<code>+</code>	One or more
<code>?</code>	Optional
<code>.</code>	Any character

Use "egrep" or "grep -E". Even though they are equivalent, the latter is preferable.