

operator	action
.	Match any single character.
^ (caret)	Match the empty string that occurs at the beginning of a line or string.
\$ (dollar sign)	Match the empty string that occurs at the end of a line.
A	Match an uppercase letter A.
a	Match a lowercase a.
\d	Match any single digit.
\D	Match any single non-digit character.
\w	Match any single alphanumeric character; a synonym is [:alnum:].
[A-E]	Match any of uppercase A, B, C, D, or E.
[^A-E]	Match any character except uppercase A, B, C, D, or E.
X?	Match no or one occurrence of the capital letter X.
X*	Match zero or more capital Xs.
X+	Match one or more capital Xs.
X{n}	Match exactly n capital Xs.
X{n,m}	Match at least n and no more than m capital Xs. If you omit m, the expression tries to match at least n Xs.
(abc def)+	Match a sequence of at least one abc and def; abc and def would match.