Repetition Cases

? – Match 0 or 1 occurrence of preceding regex

* - Match 0 or more occurrences

+ - Match 1 or more occurrences

{N} – Match N occurrences

{M,N} – Match M to N occurrences

Character Classes

[Pp]ython

[aeiou]   [^aeiou]

[0-9]   [^0-9]

[A-Z][a-z]   [A-za-z0-9]

Special Character Classes

\d – Match any decimal digit   -   \D

\w – Match any alphanumeric character   -   \W

\s – Match any whitespace   -   \S

\b – Match any word boundary   -   \B

\A – match start of a string   -   ^

\Z – Match end of a string   - $