Week1

Regex

Regex

- . : wildcard, matches a single character

- ^ : start of a string

- $: end of a string

- [] : matches one of the set of characters within []

- [a-z] : matches one of the range of characters a, b, …, z

- [^abc] : matches a character that is not a, b, or, c

- a|b : matches either a or b, where a and b are strings

- () : Scoping for operators

- \ : Escape character for special characters (\t,\n,\b)

- \b : Matches word boundary

- \d : Any digit, equivalent to [0-9]

- \D : Any non-digit, equivalent to [^0-9]

- \s : Any whitespace, equivalent to [\t\n\r\f\v]

- \S : Any non-whitespace, equivalent to [^ \t\n\r\f\v]

- \w : Alphanumeric character, equivalent to [a-zA-Z0-9_]

- \W : Non-alphanumeric, equivalent to [^a-zA-Z0-9_]

- * : matches zero or more occurrences.

- + : matches one or more occurrences.

- ? : matches zero or one occurrences.

- {n} : exactly n repetitions, n≥ 0.

- {n,} : at least n repetitions

- {,n} : at most n repetitions

- {m,n} **:** at least m and at most n repetitions