Regex

Character class

[aeiouAEIOU] – searches each letter character by character

Tha[tn] – looking for words that are That and Than

[Tt]h[iu]s – all of the this’s and thus’s

[a-f]

[A-Z] – all caps letters

[0-9] – all numbers

[A-Za-z] – every letter upper and lower case

[A-Za-z0-9] – every letter every case and number

[a-z-] – lower case letters and –

^ = not

[^0-9] – highlights everything that is NOT number (even spaces)

[^ 0-9] – not spaces and numbers

[\^] – backslash to look for ^ or []

[^a-zA-Z] – everything that is not letter

[^aeiouAEIOU] – everything that is not vowel

{} = quantifiers

[A-z]{4} – all 4 letter words

[A-z]{5,} – 5 letters or more

[A-z]+ - gets every word in isolation

? – zero or 1 – same as {0,1} – lazy

+ - one or more - greedy

\*- as few as 0 or as many as infinity

\w – all of word characters

\W – all non-alphanumeric

\d – all letters

\D all non letters

\s – all spaces and tabs

\S – all non white space

\n –

\r

\t – tab separated

[A-Z][a-z]?\d\* - highlights molecules

>(.+)< - when you want to isolate text between special characters

\((.+)\) – words between parentheses

\((.+)\)|>(.+)< -- in between parentheses OR in between tags

[\(>](.\*)[\)<] – same thing

Executive: (.+) – get all executive names

Record: (\d+)-(\d+) – highlight wins and losses – 12 and 2 in different match groups

Record: .+, (\d+)

.+ - bunch of stuff don’t care about

Next Game: (.+) at – to get month and date

Next Game: (\w+), (\w+)\. (\d+) – parse out date month year

\d+\.?\d\* - grab all digits and float

\b – word boundary, beginning of every word

positive and negative lookahead

N(?!B)\w+ - all of the words that start with N but second letter is NOT B

N(?=B)\w+ - all words that start with NB

.\*[A-Z] – anywhere in the word I need capital letter

^(?=.\*[A-Z])(?=.\*[a-z])(?=.\*\d)\w{6,}$ - password validator