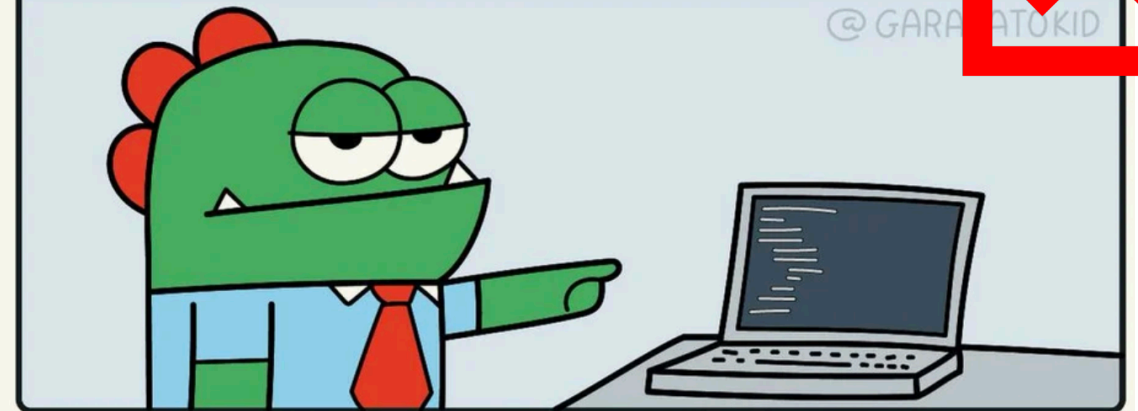# Regular Expressions

Start with regex101.com

HOW TO **REGEX**

STEP 1: OPEN YOUR FAVORITE EDITOR

@ GARABATOKID

STEP 2: LET YOUR CAT PLAY ON YOUR KEYBOARD

Tips and Advice

THINK OF ALL POSSIBLE ITERATIONS OF YOUR 'TARGET'.

TEST THEM! (UNIT TESTS SEEM MIGHTILY IMPORTANT)

WEBSITE TO HELP DEBUG IT (REGEX101.COM IS SUPER USEFUL).
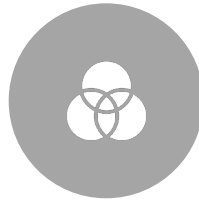
USE GROUPS! (?: ...)

Regex.py

1. Find all words that starts with a B, an E, or an F

2. Find all days the dates format in the text are MM/DD/YYYY.

3. Find all web address domains from the list of strings the domains of a website are after the www.

4. Pass the tests.

Finished?

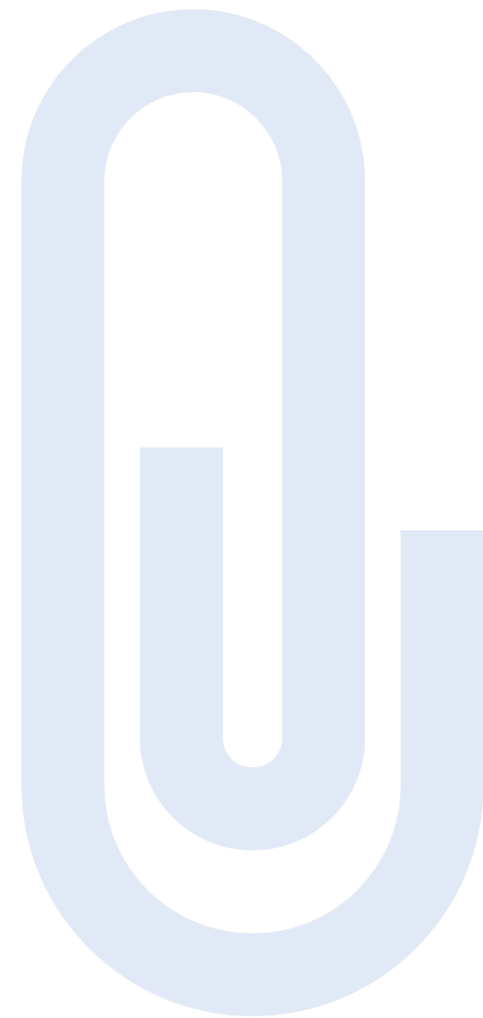Come up with wacky things to look for in tests (e.g., words that have more c's than b's).

See if there's a possible regular expression for it.

Give it to your neighbors. See if they can solve it.

Appendix

Practice Regex

Find in a list of strings:

ISP addresses (four one-to-three digits number separated by dot such as 192.168.106.123 or 127.0.0.1)

Zip Codes (Any 5 digit number followed by an optional dash and anywhere from 0 to 4 digits after that. E.g: 48019, 48098-4443, 12345-67)

Strings of the following format: "ID: N'), where N is a number that ranges from 1 to 84.