

ICA 3 Regexes

(September 23rd)

In this activity, we will work on regexes. You can use the website

<https://regexr.com/>

to test your answers.

The strings in the below questions can be Ctrl+C/Ctrl+V on the website as well.

Question 1: Write a regular expression to match all non-alphanumeric characters in a string.

Test it on the following string:

yo-dude: like, ... {}this is a string

Question 2: Write a regular expression match all instances of woodchuck (including uppercase variants and plurals) in the following string:

How much wood would woodchucks chuck if a woodchuck could chuck wood? A Woodchuck would chuck all the wood if a woodchuck could chuck wood.

Question 3: Write a regular expression to match all instances of 'the' - test it on the following string.

The recent attempt by the police to retain their current rates of pay has not gathered much favor with the southern factions.

Question 4: Regex to match all variants of how doctors are mentioned in text.

Leighton E. Cluff M.D.

James S. Thompson, M.D.

Atul Gawande M.D.

Dr. Etienne-Emile Baulieu

Dr. Xiaotong Fei

Doctor Dre

Doctor Dolittle

Doctor Who

Question 5: <https://www.masswerk.at/elizabot/>