

# Regular Expressions

CSE Cracks – 20XX

January 01, 2024

This quiz is open note, open book, and open world. Assume all regular expressions are done in Python using the `re` standard library. Good luck!

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I acknowledge that I have neither given nor received inappropriate help on this exam, and have abided by the letter and spirit of the University of California, Santa Cruz Code of Academic Integrity while taking this exam.

Signature: \_\_\_\_\_

Question 1 (5 Points)

Which of the following regular expressions would be best to match a 10-digit phone number formatted as: '123 456-7890'. (Assume any stretch of continuous whitespace is a single space character.)

- ☐ `r'\d{3} \d{3}-\d{4}'`
- ☐ `r'\d{10}'`
- ☐ `r'\d* \d*-\d*'`
- ☐ `r'\d+ \d+-\d+'`

Question 2 (5 Points)

Which of the following does the regex `r'Lo{2,3}ng Cat'` match? Select all that apply.

- ☐ Long Cat
- ☐ Loong Cat
- ☐ Looong Cat
- ☐ Loooong Cat