

Quiz 4

Regular Expressions

In all your answers, **explain what you are thinking** so that I can give you partial credit in case you don't get it exactly right. In 2, 3, 4, be careful to “escape” characters that you mean literally, but have special meanings in regex, with a backslash.

- 1.** What will the following code print and why?

```
import re
s = '0 1a 1b 2 3 99 -1.23 777 .25 0. 2.0 3456. 45.6789 -66.0'
x = '(-?[0-9]+\.[0-9]*)'
print re.findall( x, s )
```

- 2.** Compose a regular expression that will match each word in a string that begins with a **d** or a **D**.

3. Compose a regular expression that will match any of the following 'Monday' , 'Tuesday' , 'Wednesday' , 'Thursday' , 'Friday' , 'Saturday' , 'Sunday', but **not** 'Toomanylettersday' nor 'Dday'.
4. Compose a regular expression that will match all text enclosed by parentheses (like this) even if the text between parentheses includes newline characters. The results of re.findall() should not include the parentheses themselves.