

Software Development Tools (con't)

1. In your own words, what is a CLI?
2. In your own words, what is a shell?
3. Write a regex pattern to find the following in a string:
 - a. The first digit.
 - b. The first space.
 - c. The first word.
4. What will the following regex patterns match in the string "My dog has fleas."?
 - a. `/[a-fXY0-9]/`
 - b. `/[^a-fXY0-9]/`
 - c. `/fleas$/`

1. A CLI or Command Line Interface is a text based way of using computer commands instead of using icons or buttons. You type commands to perform tasks like making files or moving directories
2. A shell is what the CLI runs on, it takes commands that are typed and interprets them to tell the computer.
3. .
 1. `\d`
 2. `\s`
 3. `\w+`
4. .
 1. any character between a and f,X, and Y and any digit 0-9 so it matches "d, a, f, e, a", but d first
 2. Any character not in the previous set, M is the first match
 3. nothing matches because there is a period after fleas