Sample problem 1

Download "grep_sed_example1.txt"

Find the lines in the notes that mention 'cell'

Find the lines in the notes that talk about 'A549'

Find the lines that talk about either A549 or MCF7 (use regex)

Find the lines that end with a cell line id (i.e. A549 or MCF7, use regex!)

Regular Expression Quick Guide

^   Matches the beginning of a line

$ Matches the end of the line

.   Matches any character

\s   Matches whitespace

\S   Matches any non-whitespace character

*   Repeats a character zero or more times

*?   Repeats a character zero or more times (non-greedy)

+   Repeats a chracter one or more times

+?   Repeats a character one or more times (non-greedy)

[aeiou]   Matches a single character in the listed set

[^XYZ]   Matches a single character not in the listed set

[a-z0-9] The set of characters can include a range

(Indicates where string extraction is to start

)   Indicates where string extraction is to end