

More Administrivia

• I've set up the Google Drive folders I've had in mind to use to communicate grade information. (If you were in one of my classes this past spring — same idea.)

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- Folders are set up and shared. I didn't notify when I shared, but you should find the folder in GD's "shared with me", or search for a folder with name of the form *lastname,_initial* (a bit ugly but you probably can guess why I didn't want spaces — I have things set up to upload from a Linux directory, and spaces in filenames ...).
- Right now folders contain only attendance-score reports; I'll add more as I grade, but this will let you see how this will work.



Regular Expressions From an old Wikipedia definition: A regular expression (abbreviated as regexp, regex or regxp) is a string that describes or matches a set of strings, according to certain syntax rules. Regular expressions are used by many text editors and utilities to search and manipulate bodies of text based on certain patterns. Idea has roots in formal theory of languages, where the "languages" (sets of strings) described by regular expressions are exactly the ones accepted by finite state automata.

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Character Literals and Metacharacters · Most characters represent themselves. hello matches what? • Other characters are "special" (metacharacters): ^ matches start of line \$ matches end of line . matches any character (except newline) To use these as regular character literals, "escape" with a backslash.

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don't.)



"OR" (Alternation)
UNIX pipe symbol (|) separates alternatives. (Must escape in basic syntax.) Example: cat | dog
(What about AND? Usually don't need it, or can get the same result another way — e.g., for grep, pipe one grep into another.)
Example of use: grep 'cat\|dog' foo





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