

CS 230
Programming Languages

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Today's Topics

- Questions? / Comments?
- Let's write some programs for which regexs are appropriate to use to solve

Regex

- Let's look at a larger parsing example using many of the features we just Learned: The “doing string selections” section of:

<http://www.troubleshooters.com/codecorn/littperl/perlreg.htm>

Regex

- Focus on principle 1:
- <http://www.cs.rit.edu/~afb/20013/plc/perl5/doc/perlretut.html>
- Consider this regex: “`^\s*(<|>|<=|>=)(.*)$`”
- Suppose input text contains “`<= 2)`”
- Will the regex match? If so, what will the first group match?

Regex

Let's write a program that repeatedly gets input from the user until the user enters the word "quit". We will inform the user that this is what will end the program.

For each line of text the user enters, tell the user whether it contains

- Skidmore
- a date in the format of 2 digits, followed by /, followed by 2 digits, followed by /, followed by 4 digits. e.g. 10/14/1994
- any lowercase letters
- any uppercase letters