RegEx in Scala

3-23-2011
Opening Discussion

- Minute essay comments:
  - Meaning of natural language.
  - Use of RegEx is earlier assignments.
- IcP solutions
Details of RegEx

- `findAllIn` gives back a `MatchIterator`. It is an `Iterator[String]`. Call `matchData` to get an `Iterator[Match]`.
- The `Match` class has lots of data about each match including subgroups.
Remember that for-loops do pattern matches for storing values. They also skip anything that doesn't match the pattern.

This makes them ideal when running through the results of findAllIn.
Examples of RegEx

- Let's run through some different examples of using regular expressions.
  - Decimal numbers
  - Points in 2-D or 3-D
  - Dates
  - Polynomials
Any thoughts on regular expressions?

What do you see as limits of regular expressions?