## In-Class Assignment 4

## Searching

Wednesday, January 23, 2008

## **Boolean Searching**

The following is a list of "webpages":

- 1. rock paper
- 2. rock scissors
- 3. rock bomb
- 4. paper scissors
- 5. paper bomb
- 6. scissors bomb

- 7. rock paper scissors
- 8. rock paper bomb
- 9. rock scissors bomb
- 10. paper scissors bomb
- 11. rock paper scissors bomb

Which of the webpage numbers do the following queries match? e.g. "rock AND bomb" matches 3, 8, 9, and 11.

- rock OR paper OR scissors
- (rock AND paper) OR (scissors AND bomb)
- (rock OR paper) AND (scissors OR bomb)
- rock AND (paper OR (scissors AND bomb))
- ((rock AND paper) OR scissors) AND bomb

## Regular Expressions

- 1. What do the following regular expressions match?
  - (a) /m(a|e|i|o|u)d/
  - (b) /m(a|e|i|o|u)d?/

