

## Outline for March 12, 2012

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1. Midterm #2 Review
2. Recursion review
  - a. Base case (terminating case)
  - b. Recursive call
3. Example: list of permutations of string [*perm.py*]
  - a. Base case: empty string gives list of empty string
  - b. Recursive part:
    - i. Remove first letter
    - ii. Generate list of permutations of rest of string
    - iii. New list: first letter in all positions for all elements of list