Before Class:

- Journal Up

1. Types of Analysis
   - Worst-Case
   - Best-Case
   - Average-Case
   - Expected (after midterm)
   - Amortized (immediately before midterm)

2. Asymptotic Notations
   - $O()$
   - $\Omega()$
   - $\Theta()$
   - $o()$
   - $\omega()$

3. Identities and such
   - Students - Discuss Identities
   - Classes of Functions

4. Homework
   - Homework each week (equiv 2.5 weeks)
   - Due at Start of Class
   - Collaboration Encouraged
   - Cannot Read, Will Not Grade
   - Late Policy
   - Return Policy

Next Class:

- How do we solve Recurrence Relations?
- Evaluations!