Before Class:

- *Journal Up*

1. Asymptotic Follow-Up

- \( n^{1.99} = o(n^2) \)
- \( \log^{1000} = o(n^{0.0001}) \)
- \( \log_a(f(n)) = \Theta(\log_b(f(n))) \)

2. Recurrences

- Getting a recurrence from Mergesort code
- Things to ignore when solving them

3. Methods for Solving Recurrences

- Master Method
- Substitution Method
- Recursion Tree Method

Next Class:

- *Finally, a chance to understand Quicksort...*
- *Evaluations!*