

COMS 4231, Analysis of Algorithms I

Homework 0

Due Thursday September 6, on Courseworks

Instructions

Please supply the following information:

1. Name
2. Your UNI:
3. Department, Program, and year
4. List relevant background courses and where you have taken them (e.g. data structures, discrete math, algorithms, other advanced math courses):
5. How familiar are you with the following topics (None, Somewhat, Very):
 1. Recurrences
 2. Proof by induction
 3. Big-O notation
 4. Probability
 5. Balanced search trees
 6. Graph algorithms
 7. NP-completeness
6. Why are you taking this course?