## **COMS 4236, Introduction to Computational Complexity**

#### Homework 0

### Due Thursday 1/18 on Courseworks

#### **Instructions**

Please supply the following information:

- 1. Name:
- 2. Your UNI:
- 3. Program, track and year:
- 4. List relevant sasking in the net of the talent them. To hot pity, algorithms, discrete math, ...):

https://powcoder.com

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- 5. How familiar are you with the following topics (None, Somewhat, Very):
  - 1. Big-O notation
  - 2. Proof by induction
  - 3. Logic
  - 4. Turing Machines
  - 5. Graph algorithms
  - 6. NP-completeness
- 6. Why are you taking this course?