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Assignment 2, Due Friday Feb 11, 5:00 PM.

The main goal of this part of the class is to get familiar with the mechanics of working with series and complex numbers. So, this assignment includes many short problems. The selection below is a good one to get you acquainted with the techniques. The starred problems are the ones you're required to turn in (there are four of them).

§1.15: 33*

§2.4: 1*,2,3*,11*,12,13

As you know, there's an exam coming up covering complex numbers. I won't cover logs on the exam, but I will cover things like complex powers, geometric representations, and trig functions. So, the following (short) problems are due.

§2.5 51

§2.7 9

§2.9 1, 5, 12

§2.10 16, 17, 20

Additionally, we'll be using iPython Notebooks for several assignments in the class. Most of you seem comfortable with what we've done in class.

- Figure out how to use Python on your computer. That either means using Google CoLab, or installing the Anaconda Python Distribution. If you have trouble with this, let me know. I'm quite good at getting it installed.
- Use a `for` loop to evaluate the first 4 partial sums of one of the series from the previous problems. **I will set aside time in class on Tuesday for answering questions related to this, so please do this sooner rather than later!**