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Name: _____

Assignment 2, Due Friday Jan 26, 11:00 AM.

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 ten of them).

§1.10: 1*, 2*, 3, 4, 5

§1.12: 1*

§1.13: 5ab, 7ab*, 9ab, 10ab, 20*

§1.14: 3*

§1.15: 33*

§2.4: 1*, 2, 3*, 11*, 12, 13

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.

- Install the Anaconda Python Distribution on your laptop. Python version 3.something is required. The full distribution, rather than MiniConda is better.
- If you've never used a programming language before, work through the first three CodeAcademy lessons (<https://www.codecademy.com/learn/learn-python>). Those will get you to "for loops."
- 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 Wednesday for answering questions related to this, so please do this sooner rather than later!**