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Name: _____

Assignment 2, Due Monday Jan 25, 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. The following is due on Tuesday the 26th at 5:00 PM, to give you time to ask questions. I'll get you set up on our cluster on Friday the 22nd.

- Use a `for` loop to evaluate the first 4 partial sums of one of the series from the previous problems.