Welcome to Math 115B! This is your first reading assignment, due Tuesday, January 7th by 11:59pm. Read the syllabus and Section 2.6 in Friedberg et al, then answer the following questions. Type your answers directly in Gradescope and remember to click Submit when you're done.

1. Do you have a preferred name?

2. Would you like to share your pronouns (e.g. she/her)?

3. What math classes have you taken in college?

4. Why are you taking this course?

5. What are your career plans, if any?

6. Aside from school, what do you like to do with your time?

7. When and where are Dr. May's office hours?

8. When is the midterm exam?

9. What is the answer to Exercise 5 of Section 6.5 in the textbook? Of course, you're not expected to able to solve this problem yet, just find the answer in the appropriate appendix. You'll find answers to a number of problems here, so this is a great resource.

10. Give an example of a linear functional. (Hint: you may need to specify a vector space V and a field $\mathbb{F}$.) You do not need to typeset your math using TeX, but you may if you'd like. For example, to write V I typed \$V\$.

11. If V is a vector space of dimension n, what is the dimension of V^*?

12. Do you have any questions about the course, syllabus, or material we've covered so far?

13. Is there anything else you'd like me to know?