MATH 540 HONORS LINEAR ALGEBRA SUMMER 2021
PROBLEM SET A

Due Monday May 17 at 11:59pm Eastern, submitted in Gradescope

1. (2 points)

    (a) **(Submit this part only in the Discussions tab on Canvas.)** Please introduce yourself under the discussion "Introductions" on the Discussion tab on Canvas. You'll find more specific prompts there.

    (b) **(Submit this in Gradescope)** To inform my planning, please tell me:

        i. Where are you? If you are on-campus, please tell me what building you live in, if you are comfortable sharing that.

        ii. Is there anything I should know about accessibility, including technical accessibility? Do you have a reliable internet connection, microphone, and camera?

        iii. I am tentatively planning on assigning stable-ish study groups. Is there anything I should know about group work for you—what you like and don't like? If there is anyone you'd like to work with, let me know. In rare occasions, if there is someone you think I specifically should not assign you to work with, please let me know.

        iv. What are your goals in taking Math 540?

        v. Is there anything else you want to tell me or ask me?

2. (6 points, **submit this in Gradescope**) Read the following Scientific American article by Dweck linked here:

    `http://bit.ly/2fHIUYK`

    In my own experience, I've felt that many people tend towards approaching mathematics with a fixed mindset rather than a growth mindset—much more so than other academic subjects like English or biology. I don't know why. Do you?

    I'm really curious to know what your own experiences are as a learner of mathematics and other subjects. Do you think you have a growth mindset when it comes to learning math? What can we do to develop a growth mindset?

    *I might share, without any names attached, some of what you write for Question 2 with the class. If you do **not** want what you write to be shared, just indicate that.*