Trevor Leong **21-241 Fall 2019**
Homework 0 **Due Wednesday, August 28**

You must submit this file as a pdf through Gradescope (a link is on our Canvas page) by Wednesday, August 28 at 8pm. You may do this by handwriting and scanning your document, typing it in your favorite word processor, or typesetting using LaTeX. A simple way to get started with LaTeX is at `overleaf.com`, though you may also wish to download a compiler, such as MiKTeX (`miktex.org`). Since it is a worthwhile skill to be able to typeset with LaTeX, (including for asking questions on Piazza!), beginning with Homework 2, assignments typeset with LaTeX will earn one bonus point.

1. Log into `juliabox.com`. Follow the path

   $$\text{tutorials} \Rightarrow \text{introductory-tutorials} \Rightarrow \text{intro-to-julia}.$$

   What number is the tutorial for Plotting?

   Solution: 08

2. Download the Julia notebook for Lecture 1 from the course webpage, upload it to `juliabox.com`, and open it. What is the first line of code?

   Solution: v=randn(4) #vector in R^4 with each coordinate chosen randomly with mean 0 and standard deviation 1

3. Which recitation section are you in?

   Solution: I

4. What is the name of your recitation instructor?

   Solution: Alice Wang

5. Why are you taking 21-241? Do you have any particular interests, concerns, or anything else you would like the teaching staff to know?

   Solution: I am taking 21-241 to establish a solid foundation in linear algebra, which I will be able to apply to a concentration of my choosing