

21-241 Matrices and Linear Transformations
Homework 0

Fall 2019
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

tutorials \Rightarrow introductory-tutorials \Rightarrow intro-to-julia.

What number is the tutorial for Plotting?

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?
3. Which recitation section are you in?
4. What is the name of your recitation instructor?
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?