

**This homework is due Mon. August 27, 2018 at 23:59.**

**Self-grades are due Tues. August 28, 2018 at 23:59.**

This homework is simply so you can learn how to submit homeworks and self-grades and so we can get to know you. Make sure you are comfortable with submitting homeworks and self-grades. Actual homeworks will start next week.

## Submission Format

Your homework submission should consist of **one** file.

- hw0.pdf: A single PDF file that contains all of your answers (any handwritten answers should be scanned).

Submit the file to the appropriate assignment on Gradescope.

## 1. Background

- (a) What is your name?

**Solution:**

Gireeja Ranade

- (b) Tell us about yourself. Where are you from? What is one of your hobbies? Is there anything else you would like to share?

**Solution:** I just moved to Berkeley from Seattle — I was a Researcher at Microsoft Research AI before this. I loved going hiking in the Cascades and the Olympics while I was there. I also like running and going on long walks. My favorite color is (golden/mustard) yellow.

- (c) What would you like to learn from this course?

**Solution:** I'm excited to teach this course because it touches on so many different parts of EECS. I'm also really looking forward to working with the amazing GSIs, uGSIs and ASEs that are on course staff. I always learn something new when I'm teaching so I'm looking forward to this throughout the term as well.

- (d) What would you like to learn from courses in the EECS department before you graduate?

**Solution:** I already graduated, but there is always more to learn. Right now I'm interested in some research problems in learning and control theory.

- (e) What is a technology that you would like to see invented or a problem that you would like to have solved in the next twenty years?

**Solution:** I'm interested in making sure that advances in technology do not have unintended consequences. How do we ensure automated decision making systems are fair? How do we make sure the results of a prediction algorithm are not misinterpreted? What is the impact of recommendation engines in the information we consume?

- (f) Tell us about your academic background. What math and physics courses have you taken?

**Solution:** Some of courses I've enjoyed in the past are probability theory, information theory and linear systems.

- (g) What platform do you use (Mac/Linux/Windows)?

**Solution:** Mac and Windows, used to use Linux earlier.

## 2. Syllabus

Read the course syllabus and answer the following questions. The syllabus can be found here: <http://inst.eecs.berkeley.edu/~ee16a/fa18/#policies>.

- (a) What are the dates and times for both midterms?

**Solution:**

Midterm 1 is on October 1st, 2018, from 8pm-10pm. Midterm 2 is on November 2nd, 2018, from 8pm-10pm.

- (b) If you need exam accomodation, whom do you contact and how? When do you have to contact this person by?

**Solution:**

Head TA (Rohan or Grace Zhang) via email at [ee16a.staff@gmail.com](mailto:ee16a.staff@gmail.com) or [grace.zhang@berkeley.edu](mailto:grace.zhang@berkeley.edu). You have to contact a head TA within 2 weeks after the start of class.

- (c) When are homeworks and self-grades due?

**Solution:**

Homeworks are due Fridays at 23:59. Self-grades are due Tuesday 23:59.

- (d) How many homework drops do you get?

**Solution:**

1.

- (e) What is the penalty if you turn in your self-grades up to one week late?

**Solution:**

You only receive 50% credit on that homework.

- (f) Provide a complete list of everything you must do in order to receive credit for your homework assignments.

**Solution:**

A complete submission requires turning a scan of your work, a printout of the IPython component, and your IPython code. To receive credit for an assignment, you must submit your self-grades after the assignment has been submitted.

- (g) Let us say you only were able to get half-way through a homework problem during the first submission. When self-grading you would receive 5/10 on a problem, but you realize how to complete your solution and decide to resubmit. After resubmission what is your new score?

**Solution:**

8/10

- (h) How many unexcused labs are you allowed to miss?

**Solution:**

You can have up to 3 unexcused lab absences without failing ( you will fail the course with 4 or more unexcused lab absences).

### 3. Fun Fact

- (a) What is Professor Gireeja Ranade's favorite color?

**Solution:** Yellow

### 4. Homework resources

- (a) If you need help on a homework problem or have a question about the material, what are some of the resources you might be able to use?

- (i) Homework party
- (ii) TA office hours
- (iii) Professor office hours
- (iv) Asking a friend taking 16A
- (v) Posting on Piazza
- (vi) Going to discussion
- (vii) All of the above

**Solution:**

vii.