Lecture 0 Worksheet

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Every worksheet will work as follows.

1. You will be asked to form a group with other students in the class: you can make this as big or as small as you'd like, but groups of 4-5 work best.

2. Read through the worksheet, discussing any questions with the other members of your group.
   - You can call me at any time for help!
   - I will also be interrupting you for general guidance and announcements at random points during the class time.

3. Answer each question (preferably in the order provided) to the best of your knowledge.

4. While collaboration between students is highly encouraged and expected, each student has to submit their own version.

5. You will have 24 hours (see gradescope) to submit your work.

Activity 1: Gradescope

Problem 1

Log in to gradescope and follow the link to IE 300: if you have yet to register, use the Entry Code 8NN7BW. How many assignments do you see available to you? Circle the correct answer.

> **Answer to Problem 1.**
>
> a) 1   b) 2   c) 3   d) 4

Activity 2: Piazza

I will be using Piazza as a way to interact with you and answer questions/address concerns/announce extra interactive material. Let's log in and check what is there! How many posts do you see there? Who are the posts from? [1]

[1] Are they from me, from the teaching assistants, other students, Piazza itself?

> **Answer to Problem 2.**

Activity 3: Group work

Problem 3

Introduce yourself to the rest of your group. Write the first name of some of the other members in your group.

Answer to Problem 3.

Problem 4

How many students in your group are from the **same major** or **department** as you are?

Answer to Problem 4.

Activity 4: Flipped classroom

Problem 5

Have you had a "flipped classroom" course before? If so, what did you like? What did you hate about it? Is there a specific concern you have about this setup? Please discuss it among your group.

Answer to Problem 5.

Problem 6

Have you ever used ClassTranscribe before? Check it out at this link: `https://classtranscribe.illinois.edu/offering/2cebb6e8-ddd4-4571-b1a9-2fbbb2161139`. There is extra credit for students who decide to use and engage with ClassTranscribe... Email me at chrys@illinois.edu if interested (or check the syllabus!).

Answer to Problem 6.

Activity 5: The Monty Hall problem

Problem 7

Search online for **The Monty Hall problem**. Discuss with your peers in the group about the problem and let me know what we should do: switch or not?

Answer to Problem 7.

a) Switch.

b) Do not switch.

Activity 6: Back to gradescope

Log back in gradescope and follow the link to IE 300. Now:

1. if working on a tablet and writing your answers annotating the pdf file, take the annotated file and upload it under Worksheet 0.

2. if working on a separate piece of paper, scan the piece of paper with your answers, and upload the file under Worksheet 0.