Homework 01

> **Early EC Due Dat**e: Jul 7 @ 11:59pm to GradeScope
> **Regular Due Dat**e: Jan 8 @ 11:59pm to GradeScope

Directions:
1. In Google Drive, from the **File Menu**, save a copy of this document to your Google Drive or download a Word Document format of the assignment doc.
2. Complete the questions below.
3. Save as or Export to PDF
4. Upload your assignment to GradeScope by the above deadline. **It is your responsibility to associate the various questions with your solutions in GradeScope.**

Your Name (as it appears in Gradescope) : _____

Questions 1 - 5 all pertain to the same app that you identify in Question 1.
1. Choose your favorite app (mobile, web, or desktop). Give the name below.

My favorite app is _____.

2. In your own words, give a 1-sentence description of the purpose of the app.

3. Give two examples of how you can directly observe/witness data being used to craft the user experience and/or interface in the app.
   a.

   b.

4. Thinking creatively, what is one data-related feature you _wish_ your favorite app supported? In other words, describe one additional data-driven feature of your favorite app that it does not currently support to the best of your knowledge.

5. Thinking critically, what data do you think the app is indirectly or passively collecting about your usage of said app in the background? List 2.

      a.

      b.

6. Make sure you've joined Fontenot's Classes Slack org as well as the #24su-cs3200 general class channel.

- Link to join is on the [class webpage](#) - sign up with your Northeastern Email address.
- Complete your profile in Slack once you've joined including a clear head shot. This helps to learn names and make a big class a bit more personal.
- Join #24su-cs3200 channel, the general class chatter channel.

      a. Paste a screenshot of your Slack profile that includes all pertinent information as well as a clear head shot.

      b. Paste a screenshot showing that you've joined the #24su-cs3200 Slack Channel.

7. We will use Jetbrains' DataGrip in this class. DataGrip is an industry-standard tool for working with multiple data sources. To get set up with DataGrip, please do the following:
- ☐ Apply for a free Educational Licence from JetBrains. You can find the application and more information [here](#).
- ☐ Download and install [JetBrains' DataGrip](#). Find more info at https://www.jetbrains.com/datagrip/.
    - ☐ If you're on a Mac, make sure you download the version that matches the type of processor you have (intel or apple silicon)
    - ☐ If you have to wait for the educational license to be processed, you can still use DataGrip free for 30 days in the meantime.

Respond to the following ~~two~~ questions with screenshots.

a) Paste a screenshot of DataGrip running on your laptop.