



## Final Project Proposal

Due: In Lab on Nov. 12–14, 2014

### CS 105 Final Project: Project Proposal

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In lecture on Wednesday, November 5<sup>th</sup>, an overview of the Final Project for CS 105 was given. As part of this overview, you learned you need to submit a project proposal to your TA in lab. This proposal is worth 20 points (part of the 100 points for the full project).

The Final Project has very broad requirements and you are encouraged to apply computing to something you are already passionate about. The only formal requirements are:

- This project must be completed using JavaScript or Excel.
  - The topic of the project must be unique. It must not be anything that you have already done or seen in CS 105. It must not be something simply copied off the Internet.
  - You are encouraged to do a project on something you are already passionate about. Sample project ideas were presented in lecture, use these ideas as inspiration to come up with your own unique idea.
- This project is worth about 3x a single MP. As such, it should contain **at least** 3x the depth of a single MP. While the depth may differ depending on the difficulty of the project, a good guideline would be:
  - JavaScript: At least about 50 lines of code
  - Excel: A new data set(s) and least about 50 unique formulas
- This project must be completing in groups of 2-3 students from the same lab section.

Your proposal should contain, at a minimum, three key elements:

- I. The names and NetIDs of all of your group members
- II. An overview describing your planned project, including:
  - a. JavaScript projects: The inputs and outputs/display of your program (console vs. HTML)
  - b. Excel projects: The type and amount of data you plan to collect and several sample questions that you might be answering about the data
  - c. All projects: How you will divide the work among your team members
- III. At least three milestones that you will complete while working toward finishing your project **and** a schedule on when you expect to have them completed.

This proposal must:

- Be at least a half page in length,
- Single spaced,
- No larger than a 12-point font,
- Have standard margins, and
- **Printed out** (no digital submission) and ready to hand to your TA at the start of your lab section. Do not come to lab expecting to print it in lab. If you do not have a printed copy of the proposal in lab, you will get a 0/20 for the proposal part. **No e-mail submissions will be accepted.**

*Remember, this project is all about being awesome and having fun!*