

## Mini Bonus HW3: Explain from the Student's Perspective (max 40pts)

DUE DATE: Friday March 28th 7pm with 5 hour grace period

Take a particular topic from CS1316 and try to explain someone taking the course in the future who will be encountering the concepts for the first time. Try to pick a topic that you yourself had trouble understanding or that you believe others had issues with. Use real life examples, pictures, example code and/or whatever else you think would be helpful. You could write up a powerpoint, a word document or even make a movie. What we are going to be looking for is how well you can explain the topic (correctness, details, etc), creativity in your explanation, and the medium of the explanation (powerpoint, word document, movie, etc). If you use a source, please cite it, but we really prefer these topics in your own words.

### Topic Suggestions

- Arrays
- Linked Lists
- Trees
- Abstract data types: Stacks and Queues
- GUIs
- Pictures
- Sound
- JMusic
- File Input/Output
- Interfaces and Abstract classes
- Or anything else you can think of

### Using Your Explanation for the Future

The whole idea of this exercise is to see if we can generate a good set of explanations directly from the students in order to help other students in the future. In a text file or similar please indicate your preference for how we may reuse your submission:

- The materials I submit for Mini Bonus HW3 can be reused, and I would like the materials credited with my full (first and last) name.
- The materials I submit for Mini Bonus HW3 can be reused, and I would like the materials credited with my first name.
- The materials I submit for Mini Bonus HW3 can be reused, and I would like the materials credited anonymously to "*a former student.*"
- The materials I submit for Mini Bonus HW3 cannot be reused.

### What to Turn In

- Your file(s).
- A text file or similar indicating your preference regarding how we may reuse your explanation.

## Where to Turn In

- T-square