

**From:** Josh Pang hanners.pang@gmail.com  
**Subject:** Re: Warren's notes for 220  
**Date:** March 24, 2015 at 1:30 PM  
**To:** wsack@media.mit.edu



Thanks Dr Sack

I am deep in thought.

Josh

Sent from my iPhone

On Mar 24, 2015, at 1:26 PM, Warren Sack <wsack@ucsc.edu> wrote:

Hi Josh,

Enclosed are my admittedly minimalist notes about your projects for DANM 220. Thanks for a good term!

Have a good break.

Best,

-Warren

Josh PANG  
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1. Use mouse to move wizard, try to connect with wizard hat, if wizard touches hat, hat "meows" and changes direction, hat leaves a trail on a background Cartesian grid.
2. Connect three: clicking mouse spawns little "asteroids" era space ships that flock according to the Craig Reynold's "boid" algorithm.
3. Pang vs. LeWitt: square drawn with one line; a line from the middle of one side to the center
4. Pong Inner Peace: Introduces four paddles
5. Presentation on Sanskrit, oral poetry, and computation
6. Maharshi Bot: a series of fixed phrases without replacements or pattern matching of Ram Dass style.
7. Caroline, Zero, and Salad are characters. Rewrote initial facts for stories 1-5.
8. Final proposal: pseudo\_code: on the anecdotes and imagery of computer science (cf., the flowers of Seymour Papert's Mindstorms, the "dragons" of Aho and Hopcroft's compiler book, etc.) Josh's metaphor: a drop of coffee in a cup of warm milk (as opposed to the inverse as represented by many intro programming texts that try to slightly "sweeten up" their austere examples and problems.)
9. Final project: narrative in pseudo code, Java, and comments