As you arrive:

1. Start up your computer and plug it in
2. **Log into Angel** and go to CSSE 120
3. Do the **Attendance Widget** – the PIN is on the board
4. Go to the course **Schedule Page**
5. Open the **Slides** for today if you wish
6. Check out today's first project: `None today`

Plus in-class time working on your final C project --- Around the world and to ask question about the final exam.

Final Exam Review and Course Evaluations

- Answer your questions about the exam

- Remember date, time and venue

- Review course to give us feedback

Time to work on your project

Final Exam Facts

- Date: Thursday, November 18, 2010

- Time: 8 a.m. to noon

- Venue: **O167, O169, O157, O159 (sections 1 to 4, respectively)**

- Organization: A paper part and a computer part, similar to the first 2 exams.
  - **The paper part will emphasize both C and Python.**
    - You may bring **two** double-sided sheets of paper this time.
    - There will be a portion in which we will ask you to **compare and contrast C and Python** language features and properties.
  - **The computer part will be in C.**
    - The computer part will be worth approximately 50% of the total.

Possible topics for final exam

- topics for exam 1
- topics for exam 2
- similarities and differences between Python and C
- Defining and calling functions with parameters and return types. Prototypes.
- declaring C types
- C's "true" and "false"
- structs
- #define
- typedef
- functional decomposition
- Using header files
- declaring and using pointers
- passing addresses to functions (how?/why?)
- output with printf
- input with scanf
- arrays and pointers
- Using FOR and WHILE loops, especially looping through arrays and accumulating values
- Using arrays of structures
- strings and char
- files in C: open, close, read with scanf, write with printf
- Concepts of dynamic memory allocation *via* `malloc` and `realloc` and `free`

Course evaluations

- Log on to **Banner Web**

- Click on the **Agreements/Authorizations/Surveys** link

- Find the survey for CSSE120

- Complete the evaluation

- This should take you about 15 minutes

- Let me know when every student has finished

Work on AroundTheWorld project

- Due Saturday at 11:59 PM

- Second hour we have survey that will be administered by Drs. Boutell and Clifton

- After the survey, if you have already finished the project, you may leave early