Logistics:

How do I turn in the assignment?

- Run "make turnin" from your main PA directory

I cannot run "make turnin" without errors

- Make sure to run "cs101w" before starting any development

I still cannot turn in my code!

- Try sshing into an ieng6 machine and running through the previous steps. If none of these seem to solve your problem, check and post on Piazza with a detailed explanation of your issue.

My executable don't recompile when I change my code

- Try running "make clean" before re-compiling

Can I write helper methods?

- Yes, feel free to add helper methods if needed, as long as the code remains readable

Do we need to worry about memory leaks in valgrind?

- No, we will not be testing memory leaks.

How can I check my code?

- We have provided an **autograder.** Note that our tests will be similar but different from the ones present in the PA.

My files are not compiling, what should I do?

- You probably forgot the keyword "Test" in your make command. For example, 'make DFS' instead of 'make TestDFS'. Please try running the make command with the Test keyword!

If I work with a partner do we both need to turn in the code?

- No, only one person needs to turn it in, as long as **both students' information** is in the header of your .cpp files

Is it okay to look up pseudocode online?

- **NO,** looking up similar problems and copying code violates academic integrity.

Can I use debug statements in my code?

- Yes, but **make sure to remove them all before turning in.** If your output does not match ours exactly you will not receive credit for that test.

Can I use STL libraries?

- Yes, feel free to import these and use them as you see fit.

Can I modify Graph.hpp?

- Yes, you are free to modify any files that do not have DO NOT MODIFY in their header.

Do I have to worry about reading in file input as part of my time complexity?

- No, the inputs will be given to you as specified in the header files. We will only time the executing portion of your code.

Can I use Graph or TwoD_Array or my own .hpp or .cpp file in these questions?

- Yes, as long as your code compiles with our Makefile

Can I modify the Makefile?

- **NO**

Can I write my own tests?

- Yes

Factory Serial Numbers

Will the numbers be negative?

- No.

For non-repeating numbers, are we guaranteed that they will be consecutive?

- Yes.

Will the numbers be sorted in increasing order?

- Yes

Tennis Lessons

Can a tennis lesson start in one court then move to another if we want a different one in that court?

- No, it must start and end in the same court.

Do I need to find the actual schedule for each lesson?

- No, just the minimum number of courts.

Are the intervals closed or open on either end?

- The intervals are closed on the start time and open on the end time. This means the two intervals [2,3) and [3, 4) can be schedule on the same court.

Will we have negative times?

- No. The times will be non-zero

Is there a maximum time?

- No.

Can I add a field to Interval?

- Yes, as long as your code compiles and runs with the autograder using our Makefile and testers.

Will the intervals be sorted in any way?

- No.

Number of Buildings in a City

Will the values be only 0 or 1?

- Yes

Can I modify the array?

- Yes

Delivering Ice

Can my ice reach a negative value then refreeze in a later negative temperature room?

- No, once your ice melts (reaches a value <= 0), you fail and cannot progress further in the warehouse.

Do I always need to enter into the top left room and exit from the bottom right room?

- Yes

Can I backtrack?

- No, you can only move right and down.