Valgrind Handout

Downloading the activity:

wget https://www.cs.cmu.edu/~213/activities/rec7.tar
tar -xvf rec7.tar
cd rec7

Activity 1: Using Valgrind to find errors

What can Valgrind be used for?

Run "213_exam_answers.c" using
1. make
2. ./213_exam_answers

What is the output you see? Are there any errors?

Look at the code and think about whether there are any *sneaky* errors.

Now run it with "valgrind --leak-check=full ./213_exam_answers"

What is the output you see now? What is it telling you?

Take some time to look through the code and using what Valgrind is telling you, hypothesize what part of the code is bad

discuss this

Fix the code with your suggested edits and run it with Valgrind to see if you have fixed all the errors.