Final Quiz

This is a 2-week-long quiz that will determine half your grade for the quarter. You will not be handing anything in, but will be assessed as you work through each section of the quiz. Here’s how it will work:

For each section, you must show me the following:
• a working demonstration of the function(s) you’ve written
• proper documentation for each function you write
• answers to any written questions on the handout
• oral responses to any questions I might ask about the problems you solved
• whether or not your function works when I test it using other sounds

Once you’ve completed one section of the quiz, you’ll be given the next section to work on.

We will devote class time for the next eight days to this quiz. You are welcome to work on this at home, and to use external resources such as our readings and previous assignments, but be warned that I will be asking questions to ensure that you thoroughly understand the functions you have written. As well as an assessment, this is an opportunity for you to reinforce what you learned earlier in the quarter.

You should use the following checklist to determine if you’re ready to show me your work:

✓ proper documentation for each function (name, purpose, parameters, return value, assumptions, side effects)
✓ each function works properly on the sound specified in the exercise
✓ each function works properly with other sounds
✓ all written questions answered

Monday, Dec 15 will be the last day to work on this quiz.
Useful Notes:

When sounds are encoded using 2 bytes per sample, the values range from -32,768 to 32,767

The abs() function will return the absolute value of a number

The max() function will return the max of two or more numbers