Fall 2019 COM110: Lab 12

Sound Processing using Python

1. Read the sound_waves.pdf file and the caption of this diagram. Let us know if you have any questions.
2. Complete the first seven bullets under "Getting Started" from the python-sound.html (or the pdf version) files.
3. Thoroughly read the provided wavmod.py comments and code.
4. Discuss any questions you have about the code with at least one other student.
5. Be able to explain how the flipflop() method works.

☺Get check 1☺

6. According to the warning in bullet 6, returning the entire list of samples and calling the function directly from the Shell will cause your Shell to hang. According to that bullet you should assign the returned samples to a list and then slice into it to get a peek of some of the values in the list. Do this to see what a segment of 100 or so of the samples looks like.

☺Get check 2☺

7. Complete Question 1 (Sound Reversal).

☺Get check 3☺

8. Complete Question 2 (Volume Adjustment)

☺Get check 4☺

9. Complete Question 5 (Your own effects).

☺Get check 5☺

Bonuses. **☺ Get bonus checks from any of these, one at a time in any order. ☺**

A. Review your initial Final Project proposal idea or plans with Prof. Tarimo or a TA. Ask any questions you might have. Have you thought of the classes you might need?

B. Review all your grades and assignments on Moodle with Prof. Tarimo, focusing on any missing grades and unsubmitted/incomplete/ungraded work (except for Lab 11)