**Project Reflection Paper: Learning to program; programming to learn**

**Reflect upon the following questions that focus primarily on your preparation process for completing the project, as well as on your learning.** Some of them may be answered with a simple “yes” or “no”.

1. Did you underestimate or overestimate the amount of time needed to complete each step involved in the project?

*Overestimated*

1. Did you schedule time each day to work on the project?

*Yes*

1. Did you review and understand the rubric for the project?

*Yes*

1. Did you recheck the rubric before turning in your project? Did you make sure that your project met all the expectations?

*Yes*

1. What did you find the most challenging aspect of this project? Why?

*Finding a good audio file to work on, and deciding composition of what I wanted to do.*

1. If you got help from someone(s), who helped you? What was the nature of the help?

n/a

1. What did you find the easiest aspect of this project? Why?

*Setting up the editing functions*

1. What do you feel was the most beneficial thing you learned from working on this project? Why?

Conceptually understanding sound as a dataset.

1. What changes could I make to the project that would improve it for future learners? Why?

Not sure, I think it’s fine as is.

1. What did you do differently for this project that you talked about on a previous project reflection paper? *(Skip this question for Project 0.)*

*Made better use of resources.*

**This reflection should be formatted well, contain appropriate use of the English language, and be submitted as part of the file set you submit for your project.**

*This project as opposed to the last one was actually much easier. I think sound as a whole is actually easier to work with for some reason for me, and making this collage was a lot more fun as well compared to the last one that we made. I enjoyed making this program. I do wish I could have used a higher quality audio file that I could have edited, but anything over a megabyte would’ve taken too long to process. Now that I’ve finished I’m going to look into making a function that might be able to add a dampening effect on to the audio file after processing, especially post normalization to reduce the static effect that is present in most low quality clips. As for the next project, I feel like going through everything makes me feel somewhat ready to finish the last project now. I have been doing nothing but practicing and studying for the past few weeks and feel confident in my ability to use jython.*