

## Daily Log

Detail for each day about what you researched, coded, debug, designed, created, etc. Informal style is OK.

### Monday September 9

Continued search for fourth pop song for our robot to play  
Decided searching for a file online was not returning results and began making my own MIDI file of Lil Nas X's "Old Town Road" using Anvil Studio

### Tuesday September 10

Finished arranging my rendition of "Old Town Road" in Anvil Studio as a MIDI file  
Began research into accessing python-generated data file in Processing IDE

### Thursday September 12

Wrote Arduino (technically Java) code that successfully accesses and displays data from aforementioned output file in Processing IDE using BufferedReader and FileReader

## Timeline

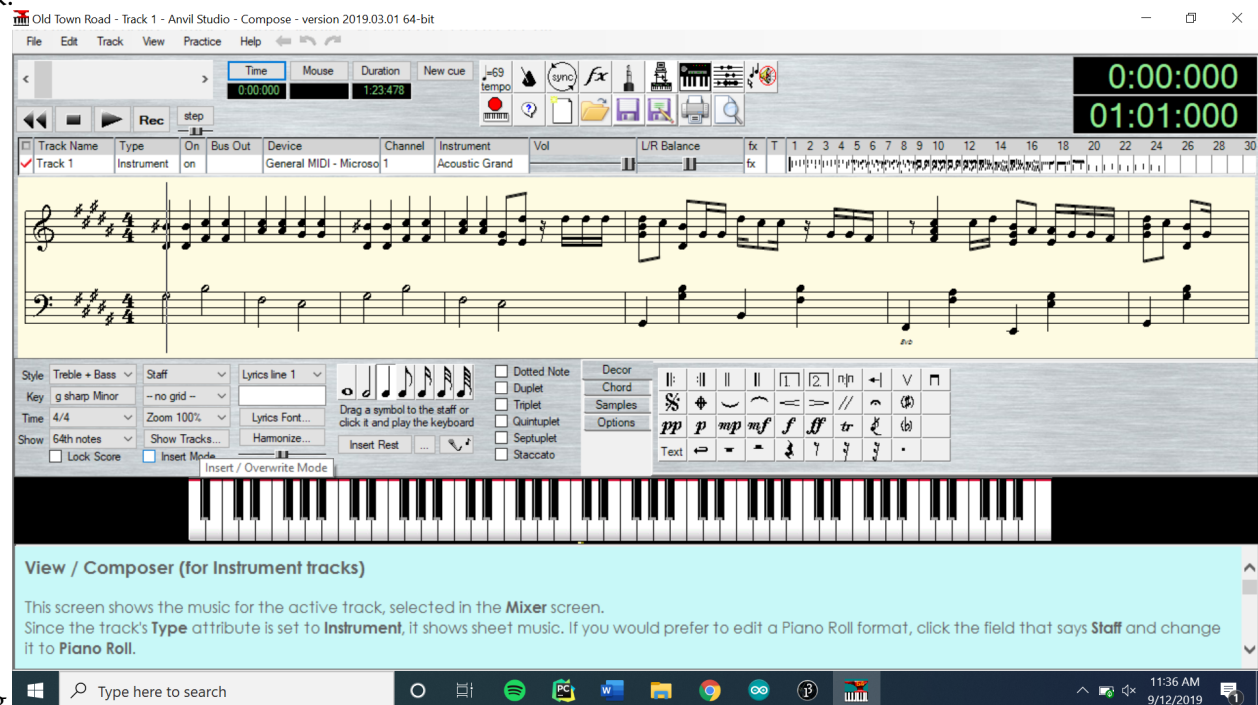
Date	Goal	Met
September 9	start project	yes; started project
September 16	Find fourth sample song and transfer data file to Processing IDE	yes; created fourth sample song and transferred data file to Processing IDE
September 23	Find and test my code on an actual Arduino board	
September 30	See if robot can successfully play a note	

## Reflection

In narrative style, talk about your work this week. Successes, failures, changes to timeline, goals. This should also include concrete data, e.g. snippets of code, screenshots, output, analysis, graphs, etc.

Overall, I am satisfied with my accomplishments this week. I am on schedule, having found my last sample song (for now) and successfully accessing the MIDI data file in the Processing IDE, as can be seen in the screenshots below. Although I feel I have made significant progress on my part of the project these past two weeks, I suspect that debugging my code in coordination with Jason's robot will be rather time-consuming.

In terms of my tentative September 30 deadline, this will only be the case if my code is able to compile on a physical Arduino board. Hopefully my partner will be able to supply me one early on in the week.



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(5).png (5).png

