Introduction to Programming II Project Log

Project title:	Music Visualisation
Topic:	Week 14 Improvement to Ridge Plot Extension

What progress have you made this topic?

- I have successfully created a standalone .js file for the implementation of the ridge plot extension, taking reference from the lecture videos.

- I have created parameters instead of fixed constants that shapes the ridges.

- I have added sliders that would be able to control the parameters so the tool could be interactive.

- I have added colour to the ridges

What problems have you faced and were you able to solve them?

- The variable inheritance in a standalone .js is different than all in the sketch.js file. This created a lot of bugs when trying to create the addWave function.

- After trial and errors I tried multiple times before finally able to create the addWave function correctly.

- I have also read more about inheritance and looked at the structure of the template starter more carefully to see what variables could be passed on to my extension.

- One key feature of the slider is that they could be controlled by a key press on "s" to show/hide themselves. In the first implementation, if the user change to other visualisation before hiding the sliders, the slider would still be shown on screen as there were no instruction to the code to hide the sliders. I tried to create a callback function but unsuccessful.

What are you planning to do over the next few weeks?

- I would plan on working on other visualisation first according to plan.

- I would keep the issue of the sliders noted to be reviewed later.

Are you on target to successfully complete your project? If you aren't on target, how will you address the issue?

- Yes, I am on target to the completion of my project.