Program description:

The program will let you choose a wave file on your device, open it up and then choose whatever frequencies you want and modify their weights. After that you can save the file or save as.

Features:

* Displays a graph of the fourier transform of the file that gets updated to reflect the changes you made to it
* Displays a graph of the sound waves that gets updated to reflect the changes you made to frequencies as you make them
* Click on the fourier transform graph to select a frequency, then it lets you choose how much you’d like to multiply by or set an absolute value. Also lets you choose a radius around that point that you’d like to affect. Frequencies in that area of the point you chose get multiplied, by the chosen factor at the point itself and interpolated up/down to 1 at the end of the area.

Roadmap:

1. Plan GUI

2. Ability to open wave files and save/save as.

3. Temporary GUI for choosing a frequency and a multiplier and applying the modification without the fancy graphs

4. Draw graphs

5. Make frequency selectable from graph