Project 5: EarSketch Song

Overview

Using Python and EarSketch you will create a complete song consisting of 2 verses, a chorus, and a bridge. We have worked in class to practice creating sections of songs. We'll use that knowledge to create a song using the samples we are given.

Behavior

- The song will have pattern (verse, chorus, verse2, chorus, bridge, chorus)
- Create 4 different variables that will hold your choice of audio constants.
- The verses should contain some of the same forms, but be independent.
- The project should have at least 4 tracks, and each track should use a different/unique sound file (different constant).
- Each verse should consist of at least 8 measures.
- The chorus should consist of at least 8 measures.
- The bridge should consist of 2-8 measures.
- The song should have a flow and underlying themes that recur via the use of variables.

Implementation Details

- Use of `for` loop for creating tracks
- Use of control flow operators
- Proper use of `fitMedia`, `makeBeat`, `setEffect`
- Use of user-defined functions for tracking forms and verses and choruses
- Use of return statements for tracking the measure

Grading

Scheme/Rubric

Functional Correctness(Behavior)	
Song Runs and Plays	5
Recognizable Chorus vs Verse	10
Correct Length	5
Contains some reoccurring themes	5
Sub total	25
Technical Correctness	
Correct use of loop	5
Correctly uses control flow	5
Correctly use of `fitMedia`, `makeBeat`, `setEffect`	10

Functional Correctness(Behavior)	
Use of user defined functions for choruses, forms, verses	10
Keeps track of measure using return statements	15
Sub total	45
Total	70

Copyright Note

The above is adapted from the earsketch teaching resources.