# **Song Challenge Code Template**

# A-B-A-B Form: A song with A and B sections

# Setup

from earsketch import \*

setTempo(#your tempo)

# Music

#uncomment the lines below and add a sound constant that uses the instrument type in the variable name

#drums = #sound file name

#bass = #sound file name

#melody = #sound file name

#drums2 = #sound file name

#bass2 = #sound file name

#melody2 = #sound file name

#replace the variable name “sound” with one of your sound variables initialized in the previous step. Each section should contain a melody, bass, and drum variable.

# Create an A section for measures 1 through 4

fitMedia(sound,1, 1, 5) #melody

fitMedia(sound, 2, 1, 5)#bass

fitMedia(sound, 3, 1, 5)#drums

# Create a 4-measure B section for measures 5 through 8

fitMedia(sound, 4, 5, 9 ) #melody2

fitMedia(sound, 5, 5, 9)#bass2

fitMedia(sound, 6, 5, 9)#drums2

# Repeat the A section for measures 9-12

fitMedia(sound, 1, 9, 13) #melody

fitMedia(sound, 2, 9, 13)#bass

fitMedia(sound, 3, 9, 13)#drums

# Finish the piece by repeating the B section for measures 13-16

fitMedia(sound, 4, 13, 17) #melody2

fitMedia(sound, 5, 13, 17)#bass2

fitMedia(sound, 6, 13, 17)#drums2