

Mission 6 Assignment	Name:
Pre-Mission Preparation	
This mission will create a loop that goes continuously. Give an example in your daily life that uses a continuous loop:	
Mission 6 Checks	
Objective #1 Write the code to delay for one tenth of a second:	
Objective #2 Write the code to hear a tone from the speaker: Write the code to turn off the speaker:	
Objective #3 What is an infinite loop?	
Objective #4 What is the calculation for the pause?	
Objective #5 What is a "state" variable used for?	
Objective #6 What data type is returned by <code>buttons.was_pressed(n)</code> ? Write the code that will update the <code>sound_on</code> to False if the button was pressed:	
Objective #7 What is the last value of <code>sound_on</code> ? <code>sound_on = True</code> <code>sound_on = not sound_on</code>	

<p>Objective #8 What is the first index of a list?</p> <p>How do you access an item in a list?</p>	
<p>Objective #9 Inside a loop, how do you go to the next item in a list when a button is pressed?</p> <p>What error do you encounter at the end of this objective?</p>	
<p>Objective #10 How do you prevent the error?</p> <p>How can you prevent using a magic number in your if statement?</p>	
<p>Post-Mission Reflection</p>	
<p>What is something you learned about yourself during this mission?</p>	
<p>This mission uses a “toggle” to go between two states. Give an example in your daily life that uses a toggle:</p>	