🤖 CODEBOT MISSION 4 LOG - Lesson 4

Pre-Mission Warm-Up

What lines of code pause the program and wait until a button is pressed?	while True:
	    if buttons.was_pressed(0):
	        break

How do you define and call a function?	Define a function: def note(freq, duration): Call a function: note(349, 0.4)

Mission 4 Lesson 4 – Animatronics

Mission 4 Objective 12
- Open the file **RobotMoves**. Go to File – Save As… and use the name **Animatronics**.
- Follow the slides to write your code.

What constants will you use in this program?	F4 = 349 C5 = 523
What code plays a "rest"?	sleep(0.2)

Mission 4 Using Cute Robot Beeps

Look at your code where the 'bot is spinning 360 degrees. In this example, my numbers are used. This should be individual for each student.	Amount of delay in sleep()	3.75
	Multiple the amount by 10	37.5
	New specific number for while loop	38

Mission 4 Animatronics
- Open your first two Mission 4 programs: **SweepLEDs** and **CountGuests**.
- You will copy and paste code from them to combine with **Animatronics**.
- Follow the instructions on the slides to complete the project.

Post-Mission Reflection

What did you learn about programming from this lesson?	Answers will vary. This is a good discussion question.
What did you learn about yourself from this lesson?	Answers will vary. This is a good discussion question.