CodeAIR Mission 7 Assignment	Name:	

Pre-Mission Preparation

What do you remember about blocking functions? Give an example.	
What do you remember about non-blocking functions? Give an example.	

Mission 7 Checks – Multitasking

Objective #1 What does "sequentially" mean? Click on scheduler. What does the task scheduler let you do? What type of tasks can be scheduled? What StateMachine function is used to register a callback function? What is the difference between **pixels.off** and **pixels.off()**?	
Objective #2 How do you add another task to the scheduler?	
Objective #3 What are some common scheduling blockers? What will the StateMachine do if a task takes too long? Use CodeTrek to add code to your program. Before you run the code, predict what you think will happen.	
Objective #4 How do you turn a blocking function like speaker.beep() into a non-blocking function? What function will run a function just once after a specific delay?	
Objective #5 How do you make a sensor check non-blocking? What is the exception to the non-blocking sensor check?	

Post-Mission Reflection	
A lot of new coding concepts were introduced during this lesson. List at least three new things you learned or used in your program.	1. 2. 3.
How do you think you will use these concepts and coding functions in future missions?	