

Mission 11 Assignment	Name:
Pre-Mission Preparation	
This mission will use line sensors to stay on a line. What code for line sensors do you remember? (Review missions 7-9)	
Mission 11 Checks	
Note: <i>Instead of starting a new program and typing all the code for line sensing, you can use the program from Mission 9. Mission 11 will require a small change to Mission 9 and then many additions. If you use Mission 9, be sure to do a "save as" and give your new program a new filename.</i>	
Objective #1 What do you change in the code to detect a white line instead of a black line?	
Objective #2 What variables are needed for counting the lines?	
What is the augmented assignment for incrementing count?	
Objective #3 What is the condition for knowing when to stop the motors?	
What is the code for stopping the motors?	
Objective #4 What does the math operator // do?	
What does the expression do: <code>progress = [True] * num_leds_on</code>	
Objective #5 What does the math operator % do?	
What is the branching statement for turning on or off the speaker?	

<p>Objective #6 What does the math operator ** do?</p>	
<p>What code, using a binary value, turns on both proximity sensors?</p>	
<p>What code, using a binary value, turns off both proximity sensors?</p>	
<p>Post-Mission Reflection</p>	
<p>On a scale of 1 (not fun) to 5 (the best!), rank this mission. Explain why.</p>	
<p>On a scale of 1 (too easy) to 5 (very hard), rank this mission. Explain why.</p>	
<p>Describe an activity or application that could use integer division and modulo:</p>	