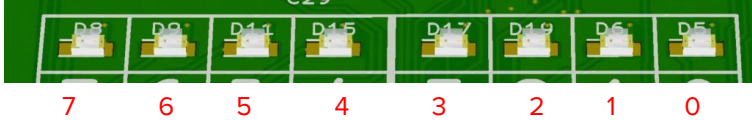| Mission 3 Assignment	Name:

Pre-Mission Preparation

All electronic devices have circuit boards inside, and a way to get input and give output. Look at the CodeBot. What are some ways to give input to the CodeBot?	Answers will vary, but can include: Buttons Line sensors Proximity sensors Accelerometer
What are some ways to receive output from the CodeBot?	Answers will vary, but can include: Motors running Speakers LEDs

Mission 3 Checks

Objective #1 What is the code to turn on a single LED?	leds.user_num(0, True)
Objective #2 Number the user LEDs:	 7 6 5 4 3 2 1 0
Objective #3 Which user LEDs are turned on with this code: **0b01100110**	LEDs 6, 5, 2, and 1
Objective #4 Besides the user LEDs, what are the other LEDs you can program?	Line sensor LEDs (5) Proximity sensors (2) USB LED Power LED
Objective #5 What is sequential code? What is the algorithm for blinking an LED?	Code that runs one line at a time in order. Turn on the LED leds.user(0b11111111) Sleep (or delay) sleep(1.0) Turn off the LED leds.user(0) Sleep (or delay) sleep(1.0)

Post-Mission Reflection

What is something you looked forward to doing in future missions?	Answers will vary