



CODEBOT MISSION 6 LOG - Lesson 2

Name:

Pre-Mission Warm-Up

Use this list to answer the questions in the chart:
my_numbers = [4, 2, 5, 3, 6, 9, 1, 0]

Name of list	
Length of list	
my_numbers[0]	
my_numbers[4]	
my_numbers[7]	

What LEDs turn on when the code runs?

leds.ls(0b000001)	
leds.ls(0b01110)	
leds.user(0b01100001)	

Mission 6 Lesson 2 – Line Follower

Data Type Review

Identify the data types of the values.

"Hello"	
5	
5.0	
[1, 2, 3, 4]	
-17	
6.25	

Mission 6 Objective 4

Type the code in the Console Panel. What are the line sensor readings?

```
>>> from botcore import *  
>>> ls.check(0)
```

Type the code in the Console Panel. What is the tuple?

```
>>> ls.check()
```

Mission 6 Objective 5	
Write code that will turn the 'bot to the left.	
Write code that will turn the 'bot to the left.	
Write code that will move the 'bot forward	
After testing your code with different speeds and curves, write your observations.	
Mission 6 Objective 6	
What is a logical operator?	
Modify your code to change the else to an elif. After testing your code with different speeds and curves, write your observations.	
Post-Mission Reflection	
How is ls.check() different from check_lines()?	