Python with Robots
Mission 8 Lab Data Sheet

Name:

Obj. 9 Speedometer Part 1: Follow these steps:

1. Change the distance traveled to a constant 10 cm: **drive(10)**
2. Change the power value to a constant 50%
   motors.run(LEFT, 50)
   motors.run(RIGHT, 50)
3. Run the program **10 times** and find the average of all 10 print values and record below.
4. Change the surface and repeat.

Floor Surface	[LEFT] speeds AVG	[RIGHT] speeds AVG

Obj. 9 Speedometer Part 2: Follow these steps:

1. Keep the distance traveled to a constant 10 cm: **drive(10)**
2. Choose ONE surface for the experiment and use it as a constant.
3. Use the same power for each wheel, but change the power incrementally.
   motors.run(LEFT, 10)
   motors.run(RIGHT, 10)
4. Run the program **10 times** and find the average of all 10 print values and record below. Change the power values by 10 each time.

Power	[LEFT] speeds AVG	[RIGHT] speeds AVG
10		
20		
30		
40		
50		
60		
70		
80		
90		
100		