

Python with Robots Lesson 7 Speedometer Test Record Sheet

Procedure:

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

Surface	[LEFT] Average Speed (cm/s)	[RIGHT] Average Speed (cm/s)
Wood		
Vinyl		
Tile		
Carpet		

Procedure:

- Ensure the distance traveled is a constant 10 cm:
 - `drive(10)`
- Choose a surface and use it as a constant throughout the tests below
- Run the program, and find the average of all 10 print values and record below
- Change the power values and repeat

Power	[LEFT] Average Speed (cm/s)	[RIGHT] Average Speed (cm/s)
10		
20		
30		
40		
50		
60		
70		
80		
90		
100		