Python with Robots **Mission 7 Lab Data Sheet – OBJ 2, 4, 7**	**Name:**

Obj. 2 Power and Threshold: What power and threshold work best for an environment? Select one object. Then use different power and threshold levels on different surfaces and see which ones work best.

Object / Surface	Power setting	Threshold setting	Result

Obj. 4 Distance: After calibrating your 'bot, you will want to see if the threshold chosen is working. Watch the debug console to see what thresh values it picks up. Try different object distances to make sure it is working.

Object / Surface	Distance	Threshold setting	Result

Obj. 7 Power: Define a function that calibrates the power of the flashlight. Then test the calibration on different surfaces.

Object / Surface	Power setting	Threshold setting	Result