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| **Python with Robots**  **Mission 9 Lab Data Sheet – OBJ 3, 6** | | **Name:** |
| **Obj. 3 Battery Tester with Load: Follow these steps:**   1. Start a new file and create a test program as shown -> 2. Start with no LEDS turned on. Run the code. 3. Check the REPL console. 4. Record the battery voltage and percentage. 5. Repeat, lighting another LED each time. | | |
| **LEDs turned on** | **Voltage** | **Percentage** |
| **0** |  |  |
| **1** |  |  |
| **2** |  |  |
| **3** |  |  |
| **4** |  |  |
| **5** |  |  |
| **6** |  |  |
| **7** |  |  |
| **8** |  |  |
| **Obj. 6 Temperature Check: Follow these steps:**   1. Use your code from Objective 6 2. Start with sleep\_ms(200) and record the average temperature 3. Repeat the experiment, changing the amount of delay. Try faster times and slower times. 4. Record the average temperature for each delay. | | |
| **Amount of delay** | **Average temperature** |  |
| **200** |  |  |
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