Code Planning:

**Taking Spectrum**

1. change baud to 115200

2. set integration time

3. Write updated taking of spectrum function that commands the spectrometer to take a spectrum and stores the data in a vector variable. (CHECK)

4. Convert the spectrum to W/m2

5. Compute UV power, blue, green, red power for the spectrum

6. Store the spectrum in a file. Include the aggregate values

**Taking Spectrum Session**

6. Execute previously generated functions (steps 2 through 5)

7. Take UV power, blue, green, red power for the spectrum into average and maximum for session