**Lab Report 3 - Signal Processing**

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**Exercises**

1. The data with the running average has smoother lines while the raw data has more jagged lines. This is because there are less points that we are plotting when we do a running average as compared to not.
2. Changing the number of samples to average to 100 resulted in a much smoother line than 10.
3. When we change the number of samples to 5 and tilt the sensor, the running average line’s jaggedness is similar to the raw data line and follows the same pattern.

