**Assignment 9.1: Report**

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**YouTube Links:**

<https://www.youtube.com/watch?v=ASiCXAtHjW0>

<https://www.youtube.com/watch?v=ikAN3MsbfRg>

**Description:**

In this lab, we learned about the SPI communication protocol. The SPI protocol is a very fast protocol that is allows for communication between multiple devices. We applied the SPI protocol to digitally controlled potentiometers for this lab. In the first part, we brightened and dimmed LEDs using the potentiometers. Then, we applied the same principles to digitally control the volume of a speaker.