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Discussion 1B

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### Lab Report Week 5

#### Goals for the week:

This week, I plan to order and design the hardware components needed for 4 graduation hats. This includes 4 sets of all the parts listed on our midterm presentation slides. At the same time, I plan to design a custom PCB to tie all the components together for each hat and order 4 of them. The layout of the PCB will match the schematic on our midterm presentation slides. Delivery will take about 3-5 days, so the goal is to receive them by the next lab section.

#### What I accomplished at the end of the week:

I was able to meet all the goals set at the beginning of the week. All the orders have arrived in time for the next lab section.

#### Goals for next week:

My goals for next week are to solder all the components onto their respective PCB and to build the 4 graduation hats using cardboard and tape. They should be ready enough for my team members to program on and for me to write drivers to control the addressable RGB LEDs.