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Professor Moscon

Assignment: Preparing Your Raspberry Pi

***Write a brief reflection. Reflect on the process you followed and any challenges you faced. Were you able to overcome these challenges? If so, how? Are there any areas where you still need help? This is your opportunity to receive your instructor's assistance on the installation process, so be as clear in your explanation as possible.***

Setting up the Raspberry Pi and completing the Module One lab was an interesting experience in my first step toward understanding embedded systems. I found the assembly process to be relatively straightforward, as I followed the steps in the provided materials to image the Micro-SD card and set up the Pi’s software without much difficulty. However, I encountered challenges when attempting to upload the zip file to the Raspberry Pi. Initially, I realized that I was prompting the command from the wrong directory, which prevented the file from transferring correctly. After retracing my steps and carefully reviewing the command syntax, I resolved the issue and successfully uploaded the file. Additionally, navigating to the CS-350 Module-1 directory presented some difficulties. I struggled to locate the correct folder at first, but using the ls command allowed me to identify and move into the directory efficiently. Once there, I was able to follow the provided Python scripts to turn the LED light on, off, and blink.

Overall, this assignment was helpful in reinforcing my understanding of file navigation and command line tools. Despite these obstacles, I was able to complete the tasks successfully and gain confidence in troubleshooting issues within a headless Raspberry Pi setup.