

Jeffrey

ART385

ESP32toProcessing

Thurs, April 16th

Re-state the Assignment

The week 11 assignment will introduce me to using the arduino with processing. In this project, we will be using the switch, potentiometer and LDR to physically control aspects in a digital medium. We will create a program in processing that accepts input from an arduino. There must be at least 4 interactive things and it must involve a piece of text.

Reflections

I will be completely honest. This is not my best work. All I did was copy and pasted the code from the ESP32toProcessing document and just fiddled around with the code to make a mini state machine that changes the colour and opacity of a word on screen. It's extremely simple and it only consists of 2 major methods. The whole entire thing was probably less than 50 lines of code added to the original ESP32toProcessing document. However, it was a pain to figure out, especially since I had to use a light dependent resistor since I didn't have a potentiometer. Figuring out the exact range wasn't too bad since Professor Tewari helped guided us through it before. Yet having such a volatile value when testing the program was a nightmare and a half.