

Document Info

Tommy, ESP32 to Processing, 16 April 2020

Restate the Assignment

Design an interactive program using the switch and the potentiometer to create visual outputs. 4 outputs in total with 1 being a text.

Reflections

I had fun coding this program. I am still trying to understand how the processing code connects with the Arduino code which then connects with the computer. I think it is amazing that I can create something that I actually use on a daily basis. In this case, it is like a mini laptop where when I press the button, a text appears.

For this project, I decided to make the size of the circle change if you move the potentiometer. To make the size change more dramatic, I make the value coming out from the potentiometer exponential. I programmed the switch to make the background color change. To make it more interesting, I randomize the background color every time you press it. And if you hold it, it will constantly cycle through the color wheel eventually stopping at white.