## CART360

Etude Four: EmitEmo

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## PART 1 - Documentation

To create the circuit, I had used  $10\Omega$  resistors for the mode & keyboard buttons as well as for the photocell. For the RGB led light, I had used a  $200\Omega$  resistor. One of the biggest issues that I found was that my mode button LED would not stay in one stable color when selecting the modes. I had spent so much time trying to figure out what may be the issue. I consulted Zahra and we figured out that I had connected my resistor in the same row as the bottom row of my mode button instead of connecting in the same row as the cable connecting to pin 2.



