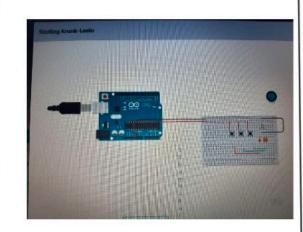
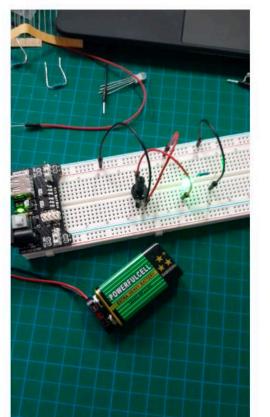
3Wiederstande 22002 2x (1x100)2 1RGD LED

7 Kabel 19 V Ba Herce 1 Strommodul 3 Knopfe

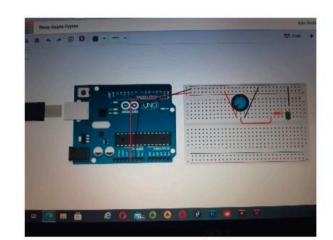


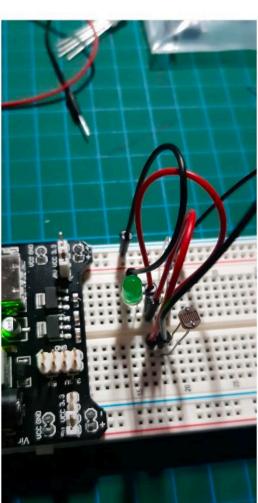
2



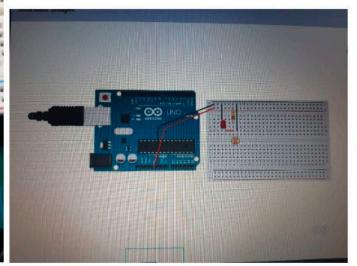
1 Steckbrett 4 Kabel 1 Widestand 12 1 Strommodul 1 LED 1 * 9V Batherte 1x Regler

1 Steckbreft





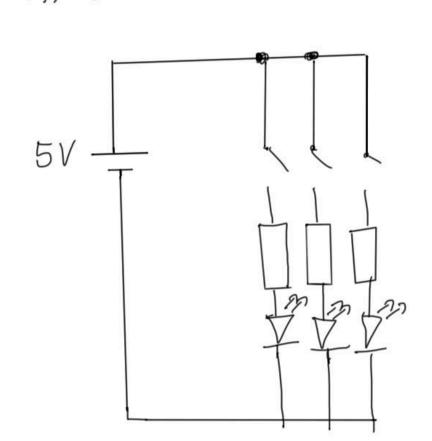
4 Kabel 1 Strommoelul 1x 9 V Batterie 1x LED 1 + 10 KSZ Wiedenstand 1x Fotowiedentand



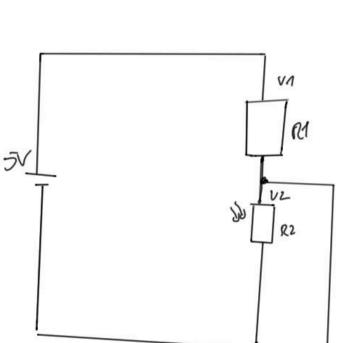
Schaltkreise

Julia Roues Os 2. Sem Matrikel Nummer: 30022041

1. Schaltkreis RGB-LED

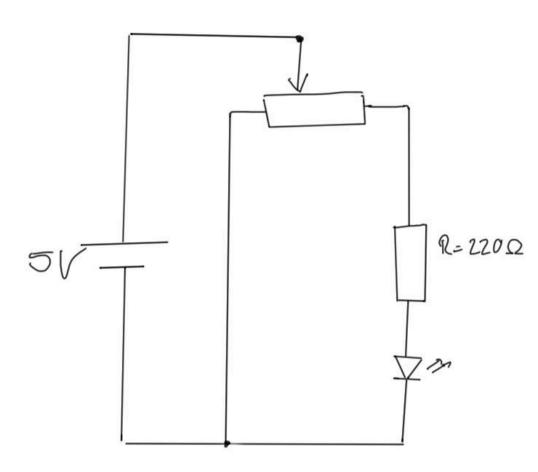


3. Schaltkreis



 $\frac{U1}{V2} = \frac{R1}{R_2} \frac{1.7V}{3.3V} = \frac{R1}{12K2}$ $\frac{1.7V}{3.3V} \cdot 12 \times 52 = \frac{R1}{6.2k2}$

2. Schatkras LED Olimmbar



R1 = 2000 R2 = 30052

Un+ V2 = Uges Robunkel = 12 KSZ

V1 = R1 Rhell = 1.5kS2 V2 R2 Vges = 5V U2 = 3,3 V RZ= 12KIL R1 = 6,2KS2