



1. Connect a wire from 5v into the positive bus.
2. Connect a wire from GROUND into the negative bus.
3. Place the LCD onto the breadboard. Make sure you allocate enough space for the other components as well.
4. Connect a wire from the NEGATIVE bus on the breadboard onto the GROUND port on the LCD and then connect a wire from the POSITIVE bus on the breadboard onto the VCC port on the LCD.
5. Place a potent adjuster onto the breadboard. Connect a cable from the POSITIVE and NEGATIVE bus into the correct ends. Then take a cable from the potent adjuster and insert it into the 3rd port on the LCD labelled "VO".

6. Insert cables into RS RW and E on the LCD and place them accordingly into the ports on the Arduino 12, 11 and 7.
7. Insert cables into DB4, DB5, DB6 and DB7 and place them into the ports 4, 5, 6 and 2 accordingly.
8. Take the last ports on the LCD(15 and 16) and place them into positive and negative in the that order.
9. Insert the Piezo buzzer onto the breadboard and take a cable from Port 3 on the Arduino into the positive leg on the Piezo. Take a cable from GROUND on the Arduino or the GROUND bus and place it onto the negative leg on the Piezo.
10. For the last step, insert the LED onto the board and take a cable from PORT 13 into the positive leg of the Arduino. Lastly, take a cable from the GROUND bus and place it into the LED's negative leg.