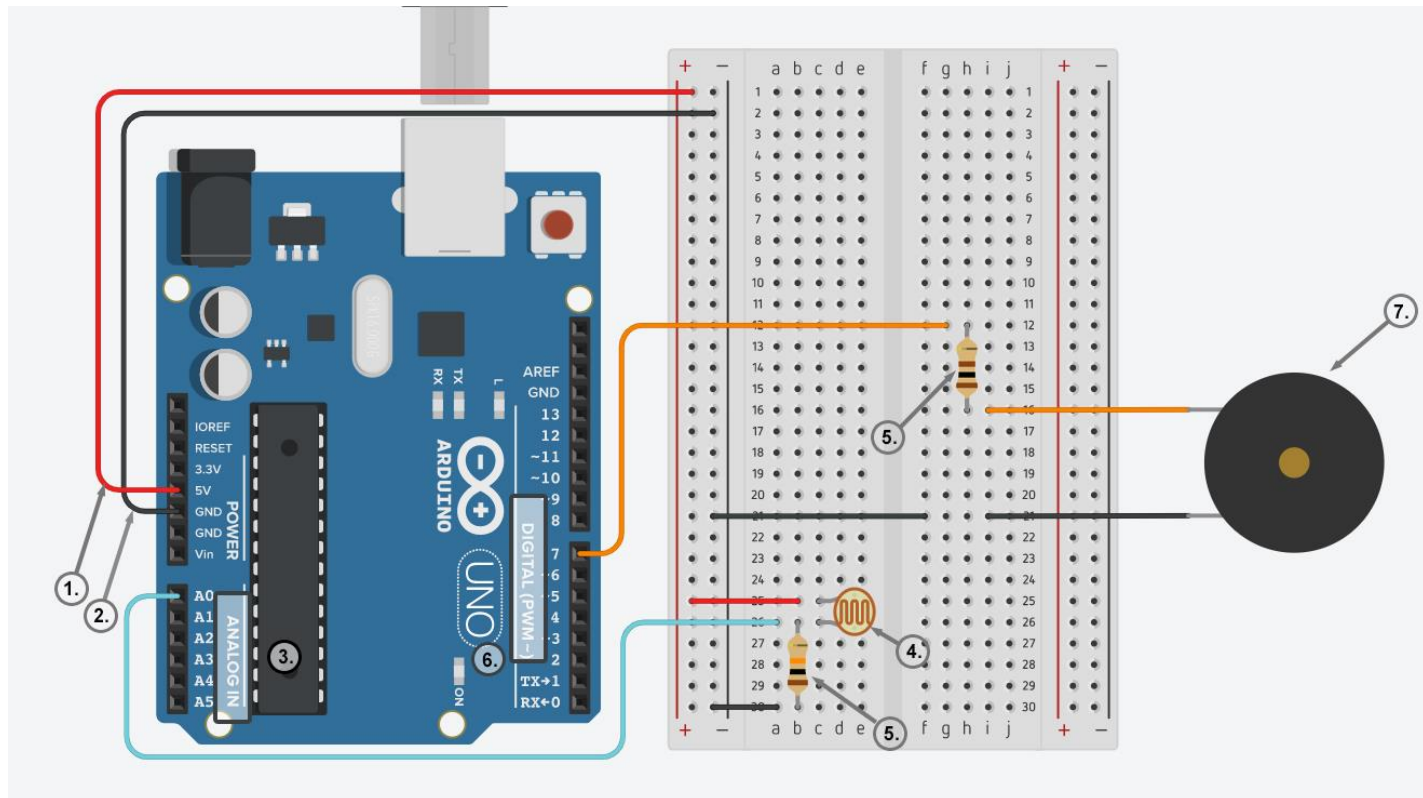


Level 1: Creating a one-hand operated Theremin



- Use 5V (1) and Ground/ GND (2) pins to respectively provide 5V power and ground to your breadboard
- Connect one of photoresistor's (4) legs to power (5V), and the other to one of the analog pins (3) (pin A0 in the example), as well as to ground through the 10KΩ resistor (5).
- Use one of the digital pins (6) (pin 7 in the example) to connect the Piezo Buzzer (7) through the resistor (5).
- *Keep in mind that there is no polarity to photoresistors. Therefore, you can change the circuit (meaning connect one of photoresistor's leg to power through the 10KΩ resistor and the other to ground) and still have a functional sensor. However, the values that you get will differ and thus, you need to do the necessary adjustments and/or changes to your code later on.*

Notes: