Build up(Part1)_PIR_Relay_Light
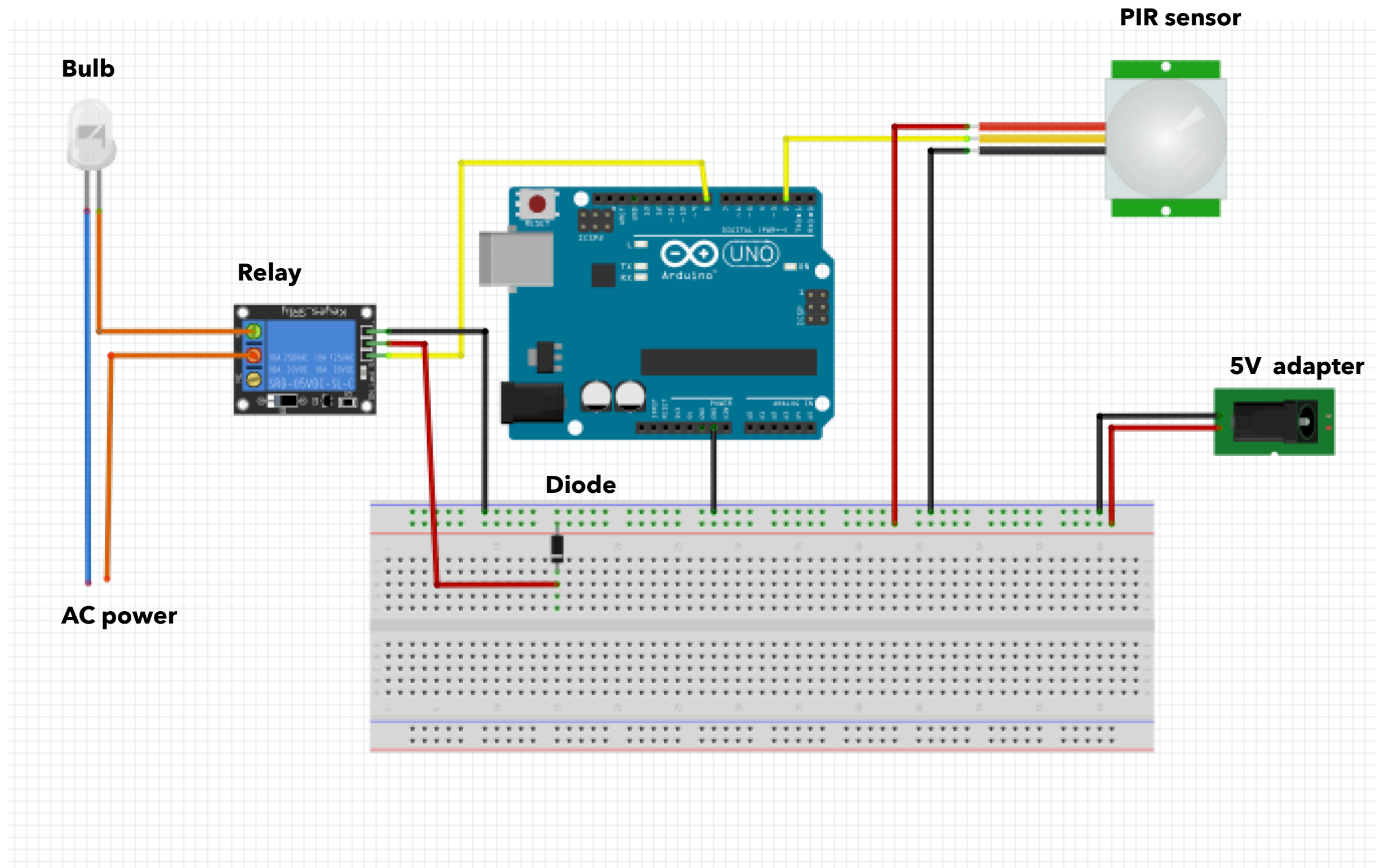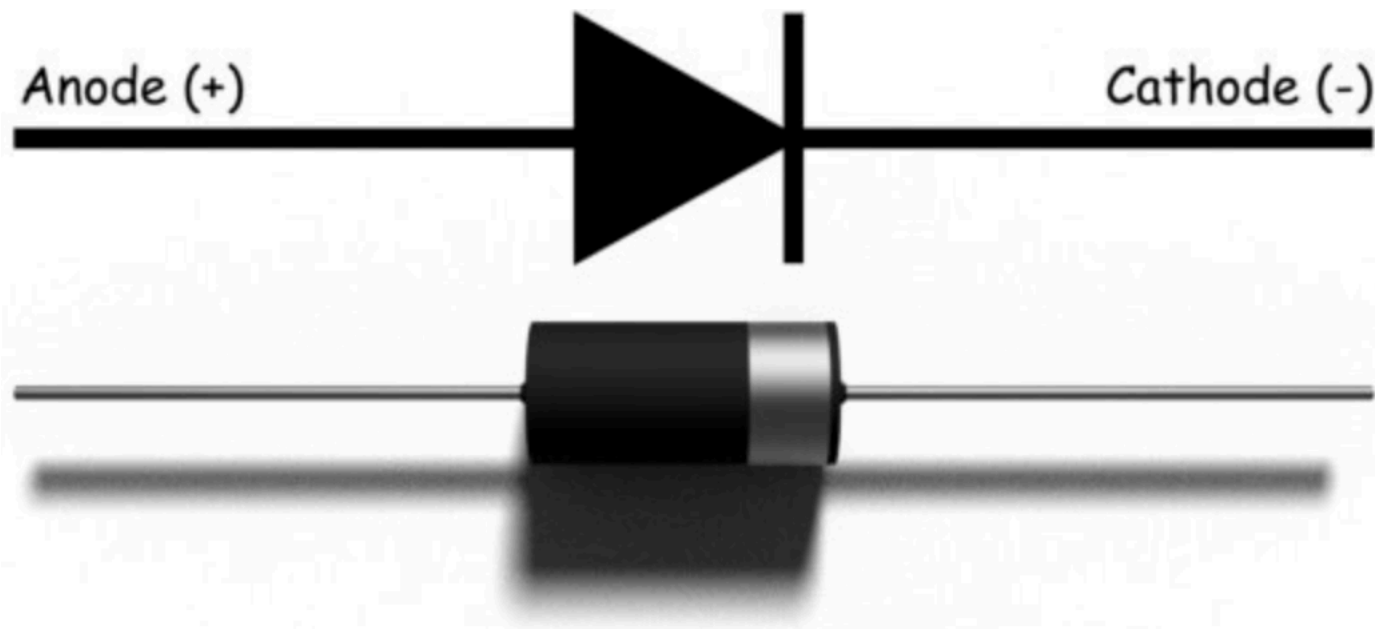
Bulb

PIR sensor

Relay

5V adapter

Diode

AC power

Diode

: a semiconductor device with two terminals, typically allowing the flow of current in one direction only

Reference
 * Electrical 4U: https://www.electrical4u.com/diode-working-principle-and-types-of-diode/

Current direction

Relay

: sort of a switch which can operate high voltage appliances with Arduino programming

* Reference
   :https://randomnerdtutorials.com/guide-for-relay-module-with-arduino/