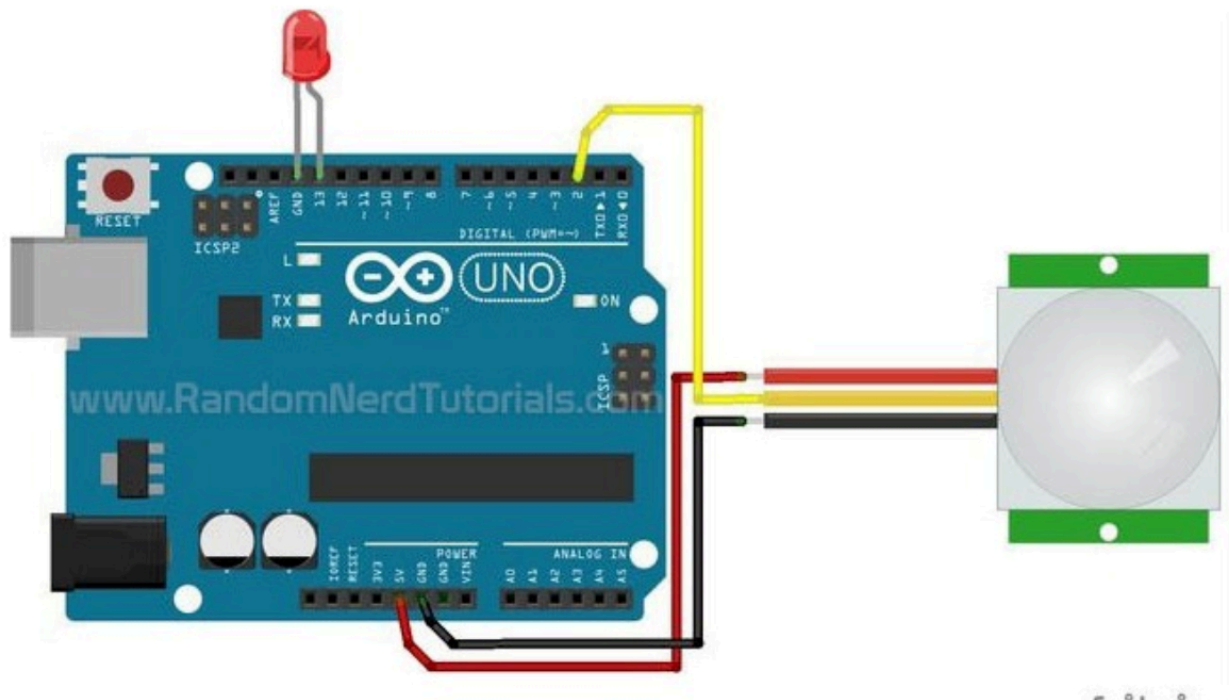


10) Human Movement Detection Using PIR Motion Sensor and Arduino

Materials:

- Arduino Uno board
- Breadboard
- Jumperwires
- PIRmotion sensor
- LED(anycolor)
- 220Ohmresistor



Code :

```
const int mq2Pin = A0;
const int buzzerPin = 8;
int mq2Value;

void setup() {
  pinMode(buzzerPin, OUTPUT);
  Serial.begin(9600);
}

void loop() {
  mq2Value = analogRead(mq2Pin);

  if (mq2Value > 300) {
    digitalWrite(buzzerPin, HIGH);
  } else {
    digitalWrite(buzzerPin, LOW);
  }
}
```

```
Serial.print("MQ2 Value: ");  
Serial.println(mq2Value);  
delay(500);  
}
```