Code

int motion = 2;

int light =13;

void setup()

{

pinMode(motion, INPUT);

pinMode(light, OUTPUT);

Serial.begin(9600);

}

void loop()

{

int sensor = digitalRead(motion);

Serial.println(sensor);

if(sensor==LOW){

digitalWrite(light, HIGH);

delay(500);

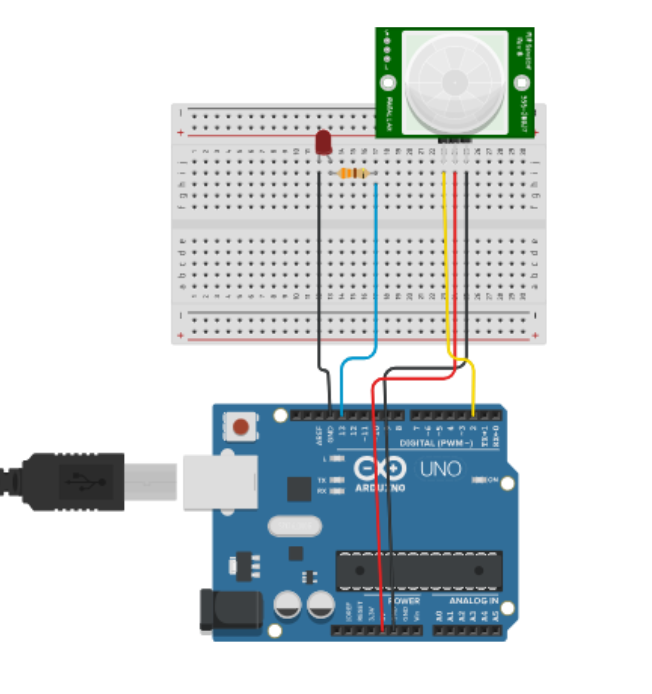
digitalWrite(light, LOW);

delay(500);

}

}

CIRCUIT DIAGRAM



OUTPUT

