PIR sensor interface with Arduino UNO

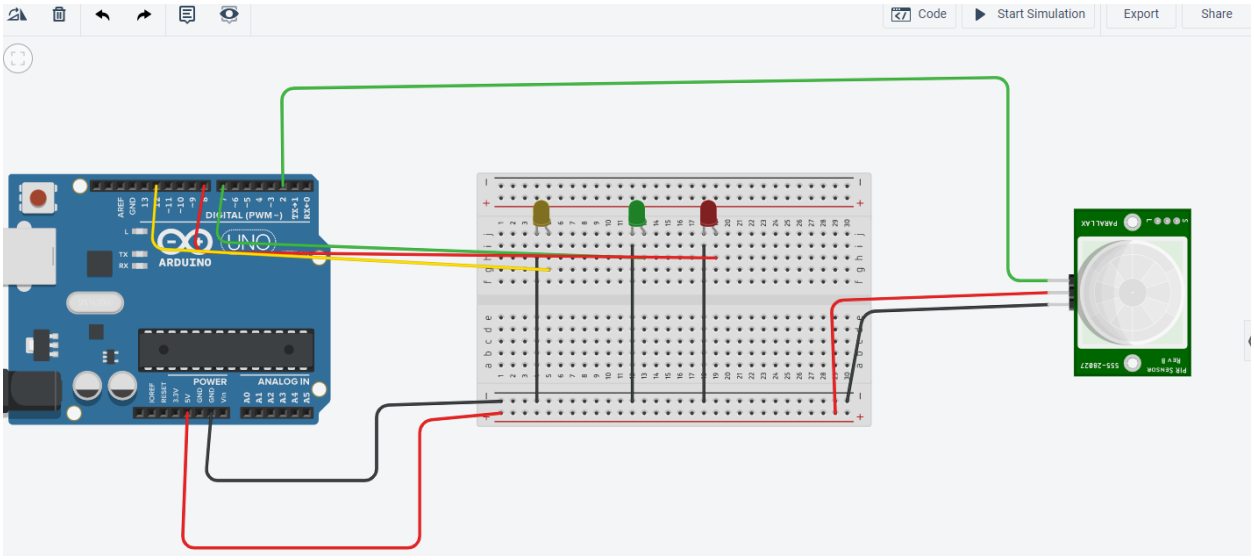
Code:

```
#define ledG 7
#define ledR 8
#define ledY 12

int interrCount=0;
void setup()
{

pinMode(ledG, OUTPUT);  // setup pin as output
  pinMode(ledR, OUTPUT);
  pinMode(ledY, OUTPUT);



digitalWrite(ledR, LOW);  // clear led
  digitalWrite(ledG, LOW);
  digitalWrite(ledY, LOW);



 attachInterrupt(0, interruptChange, RISING);
 // method to detyect object
}
```

```
void loop()
{

 interrCount++;



 digitalWrite(ledR, HIGH);  // high red led

  digitalWrite(ledG, LOW);// low green led

delay(300);



digitalWrite(ledR, LOW); // low red led

 digitalWrite(ledG, HIGH);  // high green led

delay(300);
```

```
if(interrCount == 10)
  {
    interrCount =0;

digitalWrite(ledY, LOW);  // low yellow led
  }
}

void  interruptChange()
{

  digitalWrite(ledY, HIGH);
  // high yellow led that indicate movement
          // of object

}
```

Design


Code
Start Simulation
Export
Share
ARDUINO
UNO
DIGITAL (PWM~)
POWER
ANALOG IN

Design and Code: