



```
1  #include <servo.h>
2  servo myservo;
3  int ledpin = 12;
4  int buzzpin = 12;
5  int pripin = 13;
6  int pirstat = 0;
7  int pos = 0;
8  void setup()
9  {
10   pinMode(ledPin,OUTPUT);
11   pinMpde(buzzPin,OUTPUT);
12   pinMode(priPin,INPUT);
13   myservo.attach(9);
14   serial.begin(9600);
15   myservo.write(pos);
16   }
17   void loop()
18   {
19     pirstat = digitalRead(pripin);
20     if (pirstat == HIGH);
21     {
22       digitalWrite9ledPin,HIGH);
23       digitalWrite(buzzPin,HIGH);
24       serial.println("Motion Dection");
25       for (pos = 0;pos >=0; pos += 1)
26       }
27       digitalwrite(ledpin,LOW);
28       digitalWrite(buzzPin,LOW);
29       For (pos = 180; pos >-1)
30       {
```





```
14   rial.begin(9600);
15   servo.write(pos);
16
17   id loop()
18
19   rstat = digitalRead(pripin);
20   (pirstat == HIGH);
21
22   gitalWrite9ledPin,HIGH);
23   gitalWrite[buzzPin,HIGH];
24   rial.println("Motion Dection");
25   r (pos = 0;pos >=0; pos += 1)
26
27   gitalwrite(ledpin,LOW);
28   gitalWrite(buzzPin,LOW);
29   r (pos = 180; pos >-1)
30
31   myservo.write(pos);
32   delay(20);
33
34
35   se{
36
37
38
```

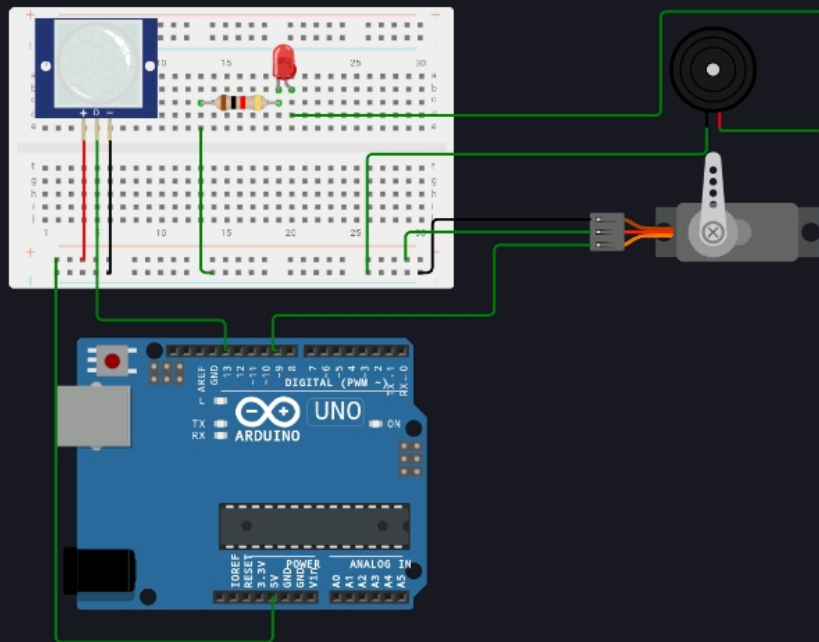


WOKWI



Simulation

Code



Repeat action to force zoom webpage

