

```
1 int pir = 7;
2 int led = 5;
3 int buzzer = 3;
4 int distance = 0; // for PIRsensor
5
6 int sw=8;
7
8 void setup()
9 {
10  pinMode(buzzer , OUTPUT);
11  pinMode(led , OUTPUT);
12  pinMode(pir , INPUT);
13  pinMode(sw,INPUT_PULLUP);
14  Serial.begin(9600);
15
16 }
17
18 void loop()
19 {
20  distance = digitalRead(pir);
21
22  if(distance==1)
23  {
24    digitalWrite(buzzer, HIGH);
25    delay(100); // Wait for 100 millisecond(s)
26    digitalWrite(buzzer, LOW);
27    delay(100); // Wait for 100 millisecond(s)
28  }else
29  {
30    digitalWrite(buzzer, LOW);
31    delay(100); // Wait for 100 millisecond(s)
32  }
33
34  if(digitalRead(sw)==1)
```