

```
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)
35   { digitalWrite(led, HIGH);
36     digitalWrite(buzzer, HIGH);
37     delay(100); // Wait for 100 millisecond(s)
38   }
39   else
40   {digitalWrite(led, LOW);
41     digitalWrite(buzzer, LOW);
42     delay(100); // Wait for 100 millisecond(s)
43   }
44 }
45 }
46
47
```