



```
int pinSensor=2;
int pinLed=12;
int pinBuzzer=13;
int pirSensor=0;

void setup()
{
    pinMode(pinSensor,INPUT);
    pinMode(pinLed,OUTPUT);
    pinMode(pinBUZZER,OUTPUT);
}

void loop()
{
    pirSensor = digitalRead(pinSensor);
    if (pirSensor==HIGH)
    {
        digitalWrite(pinLed,HIGH);
        tone(pinnBuzzer,1000,500);
    }
    else {
        digitalWrite(pinLed,LOW);
    }
    delay(10);
}
```