```
int soundSensor = A5;
int LED = 3;

void setup() {
  pinMode( 3, OUTPUT );
  pinMode( A5, INPUT );
  Serial.begin ( 9600 );
}

void loop() {
  int soundSensor = analogRead( A5 );
  Serial.println(soundSensor);
  delay( 100 );
  if (soundSensor > 5 ) {
    digitalWrite(3, HIGH );
    Serial.write(1);
  } else {
    digitalWrite(3, LOW );
    Serial.write(0);
  }
}
```