void setup()

{

  pinMode(A5, INPUT);

  pinMode(7, OUTPUT);

  Serial.begin(9600);

}

void loop()

{

  int sensor_value=analogRead(A5);

  Serial.println(sensor_value);

  delay(100);

  if(sensor_value<200)

  {

   digitalWrite(7,HIGH);

   delay(100);

  }

```
  else
  {
   digitalWrite(7,LOW);
   delay(100);
  }
}
```