









```
void setup()
{
  Serial.begin(9600);
  pinMode(7,OUTPUT) ;
}

void loop()
{
  int c = analogRead(A0) ;
  Serial.println(c) ;
  if(c<500)
  {
    digitalWrite(7,LOW) ;
  }
  else
  {
    digitalWrite(7,HIGH) ;
  }
}
```