



```
float x,y;
void setup ()
{
  pinMode(13, INPUT);
  pinMode(6, OUTPUT);
  pinMode(A3, INPUT);
  Serial.begin(9600);
}
void loop ()
{
  x=digitalRead(13);
  y= analogRead(A3);
  Serial.println(x);
```

```
Serial.println(y);  
if( (x>0) && (y<550))  
{  
    digitalWrite(6, HIGH);  
    delay(6000);  
  
}  
else  
    digitalWrite(6, 0);  
}
```