```cpp
void setup()
{
 Serial.begin(115200);
 pinMode (13,OUTPUT);
}
void loop()
{
 int AN0 = analogRead (A0);
 float V = AN0*5.0/1023 ;
 float percent = AN0*100.0/1023 ;
 Serial.print (V);
 Serial.print (",");
 Serial.print (percent);
 Serial.print (",");
 Serial.println (AN0);
 int n,m ;
 digitalWrite (13,1);
 for (n=0; n < percent; n++)
 {
 delayMicroseconds (100);
 }
 digitalWrite (13,0);
 for (m=percent; m<100; m++)
 {
 delayMicroseconds (100);
 }
}
```