

```
//screen /dev/cu.usbmodem1411 9600  
//ctrl-a k
```

```
int n = 0;  
unsigned long time0;  
unsigned long time1;
```

```
void setup()  
{  
  Serial.begin(9600);  
  time0 = 0;  
}
```

```
void loop()  
{  
  time1 = millis();  
  
  if ( analogRead(A0) < 500 ) {  
    Serial.println(String(n) + " " + String(time1-time0));  
    n = n + 1;  
    time0 = time1;  
    delay(10);  
  }  
}
```