# 奇怪的TTL字段 攻防世界



## 题目描述

题目给出了TTL值构成的文本

### 解题

文本中只包含四种数值

63 = 00111111

127 = 01111111

191 = 10111111

255 = 11111111

可见前两位是可以隐藏信息的。

编写脚本将前两位提取出来,并保存为图片 out.png

```
Python
 1 s=''
 2 src = ''
 3 dest= ''
 4 with open('ttl.txt','r') as fi:
 5
             for i in fi.readlines():
                     n=int(i[4:])
 6
                     if n== 63:
 7
                             s = '00'
 8
 9
                     elif n == 127:
10
                             s = '01'
                     elif n == 191:
11
                             s = '10'
12
13
                     elif n == 255:
                             s = '11'
14
15
                     src+=s
    print(src)
16
    for i in range(0,len(src),8):
17
        dest += chr(int(src[i:i+8],2))
18
    print(dest)
19
```

#### 分离文件



拼接图片,扫码



### Free Online Barcode Reader

To get such results using ClearImage SDK use TBR Code 103.

If your **business** application needs barcode recognition capabilities, email your technical questions to support@inliteresearch.com email your sales inquiries to sales@inliteresearch.com

File: c7637444-8f02-4eaa-bc50-f23bc88a5f0a.png

New File

Barcodes:

Pages: 1

Type: QR

Barcode: 1 of 1 Length: 62

Rotation: none

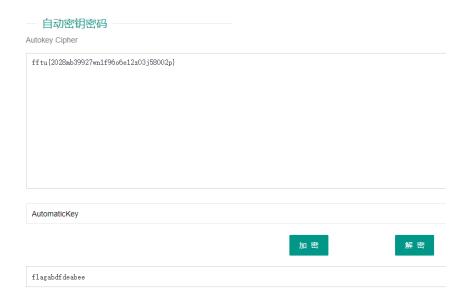
Module: 5.5pix

Rectangle: {X=7,Y=7,Width=243,Height=243}

key:AutomaticKey cipher:fftu{2028mb39927wn1f96o6e12z03j58002p}



自动密钥密码 进行解密



这种加密方法只包含字母,最后再把对应位置的数字符号插入进去即可得到flag.