Lab7-Report

学号: 57118131

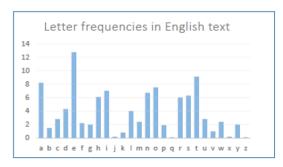
姓名:王星沣

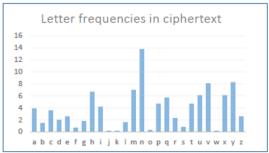
Task1

使用工具得到 ciphertext 文件中各个字母出现的频率以及字母/字母组合出现次数

```
3931 chars
a: 116 ... 3.0 %
                    n: 488
b: 83 ... 2.1 %
                     y : 373
c: 104 ... 2.6 %
                    v: 348
                                                    ytn => 79
d: 59 ... 1.5 %
                    x : 291
                                                    vup => 30
e: 76 ... 1.9 %
                     u : 280
                                                    ngy => 22
                                    vt => 116
f: 49 ... 1.2 %
                     q: 276
                                                    pyt => 20
                                    tn => 89
g: 83 ... 2.1 %
                    m: 264
                                                    mur => 20
                                    mu => 74
h: 235 ... 6.0 %
                    h: 235
                                                    ynh => 18
                                    nh => 66
i: 166 ... 4.2 %
                    t: 183
                                                    xzy => 16
                                    na => 62
j:5...0.1%
                    i: 166
                                                    nhn => 16
                                    hn => 59
k:5...0.1%
                    p: 156
                                                    nuy => 14
                                    vu => 58
1:90...2.3%
                    a : 116
                                                    ytv => 14
                                    vh => 57
m: 264 ... 6.7 %
                     c: 104
                                                    bxh => 14
                                    qy => 55
n: 488 ... 12.4 %
                     z : 95
                                                    gnq => 14
                                    xu => 53
o: 4... 0.1 %
                     1:90
                                                    mxu => 14
                                    nv => 50
p: 156 ... 4.0 %
                    g: 83
                                                    vii => 13
                                    up => 47
q: 276 ... 7.0 %
                    b: 83
                                                    vyn => 13
                                    vn => 47
r: 82 ... 2.1 %
                    r: 82
                                                    uvy => 12
                                    np => 46
s: 19 ... 0.5 %
                    e: 76
                                                    1vq => 12
                                    vy => 45
t: 183 ... 4.7 %
                    d: 59
                                                    nvh => 12
                                    xh => 45
u: 280 ... 7.1 %
                    f: 49
                                                    tmq => 12
                                    nu => 44
v: 348 ... 8.9 %
                     s: 19
                                                    qyt => 12
                                    ym => 39
w:1...0.0%
                     j : 5
                                                    muv => 11
                                    uy => 37
x : 291 ... 7.4 %
                    k : 5
                                                    upy => 11
                                    vi => 37
y: 373 ... 9.5 %
                     o: 4
                                                    xhy => 11
                                    yx => 36
z: 95 ... 2.4 %
                     w : 1
                                                    vym => 11
                                    vq => 35
```

再根据统计规律得到明文密文对应关系:





TH	:	2.71	EN	:	1.13	NG	:	0.89
HE	:	2.33	AT	:	1.12	AL	:	0.88
IN	:	2.03	ED	:	1.08	IT	:	0.88
ER	:	1.78	ND	:	1.07	AS	:	0.87
AN	:	1.61	TO	:	1.07	IS	:	0.86
RE	:	1.41	OR	:	1.06	HA	:	0.83
ES	:	1.32	EA	:	1.00	ET	:	0.76
ON	:	1.32	TI	:	0.99	SE	:	0.73
ST	:	1.25	AR	:	0.98	OU	:	0.72
NT	:	1.17	TE	:	0.98	OF	:	0.71

3igram	frequency	in	chip	phertext	(The	top-10	patterns)
n :	77	np	:	50			
/t :	76	hn	1 :	45			
nh :	61	nu	1 :	44			
nq :	51	mu	1:	42			
7u :	51	CV		42			
7u :	51	cv	· :	42			

:	1.81			0.31	HES	:	0.24
:	0.73	TIO	:	0.31	VER	:	0.24
:	0.72	TER	:	0.30	HIS	:	0.24
:	0.42	EST	:	0.28	OFT	:	0.22
:	0.42	ERS	:	0.28	ITH	:	0.21
:	0.36	ATI	:	0.26	FTH	:	0.21
:	0.34	HAT	:	0.26	STH	:	0.21
:	0.33	ATE	:	0.25	OTH	:	0.21
:	0.33	ALL	:	0.25	RES	:	0.21
:	0.32	ETH	:	0.24	ONT	:	0.20
		: 1.81 : 0.73 : 0.72 : 0.42 : 0.42 : 0.36 : 0.34 : 0.33 : 0.33	: 1.81 ERE : 0.73 TIO : 0.72 TER : 0.42 EST : 0.42 EST : 0.36 ATI : 0.34 HAT : 0.33 ATE : 0.33 ALL	: 1.81 ERE: : 0.73 TIO: : 0.72 TER: : 0.42 EST: : 0.42 ERS: : 0.36 ATI: : 0.34 HAT: : 0.33 ATE: : 0.33 ALL:	: 1.81 ERE: 0.31 : 0.73 TIO: 0.31 : 0.72 TER: 0.30 : 0.42 EST: 0.28 : 0.42 ERS: 0.28 : 0.36 ATI: 0.26 : 0.34 HAT: 0.26 : 0.33 ATE: 0.25 : 0.33 ALL: 0.25	: 1.81	: 1.81

Trio	gra	m frequency	in o	chi	phertext	(The	top-10	patterns)
ytn		60	tnh					
vup	:	26	pyt	:	13			
nhc	:	16	hcv	:	13			
nhn	:	15	tne	:	13			
nuy	:	14	mrc	:	13			

一步一步进行尝试:

[09/26/20]seed@VM:~/Desktop\$ tr ytnvup THEAND < ciphertext THE xqaAhq TzhN xN qzNDAd lHmaH qEEcq AgxzT hmrHT AbTEh THmq ixNr gThANrE

AlahDq Thme THE garreh beeig imse a NxNareNahman Txx

THE AlAhDq hAaE lAq gxxsENDED gd THE DEcmqE xb HAhfEd lEmNqTEmN AT mTq xzTqET AND THE AeeAhENT mceixqmxN xb Hmq bmic axceANd AT THE END AND mT lA

q qHAeED gd

THE EcEhrENaE xb cETxx TmcEq ze giAasrxlN eximTmaq AhcaANDd AaTmfmq c AND

A NATmxNAi axNfEhqATmxN Aq ghmEb AND cAD Aq A bEfEh DhEAc AgxzT lHE

[09/26/20]seed@VM:~/Desktop\$ tr ytnvupmh THEANDIR < ciphertext THE xqaARq TzRN xN qzNDAd lHIaH qEEcq AgxzT RIrHT AbTER THIq ixNr qTRANrE

Alardq Trie THE garrer beeiq iise a NxNarenarian Txx

THE AlARDq RAaE lAq gxxsENDED gd THE DEcIqE xb HARfEd lEINqTEIN AT ITq xzTqET

AND THE AeeARENT IceixqIxN xb HIq blic axceANd AT THE END AND IT la q qHAeED gd

THE EcERrENaE xb cETxx TIcEq ze giAasrxlN exiITIaq ARcaANDd AaTIfIq c AND

A NATIxNAi axNfERqATIxN Aq gRIEb AND cAD Aq A bEfER DREAc AgxzT lHE THER THERE

xzrHT Tx gE A eREqIDENT lINbREd THE qEAqxN DIDNT ozqT qEEc EkTRA ix

[09/26/20]seed@VM:~/Desktop\$ tr ytnvupmhxbl THEANDIROFW < ciphertex</pre>

THE OqaARq TzRN ON qzNDAd WHIaH qEEcq AgOzT RIrHT AFTER THIq iONr qTRANrE

AWARDq TRIe THE gArrER FEEiq iIsE A NONArENARIAN TOO

THE AWARDq RAaE WAq gOOsENDED gd THE DEcIqE OF HARfEd WEINqTEIN AT ITq OzTqET

AND THE AeeARENT IceiOqION OF HIq FIic aOceANd AT THE END AND IT WA q qHAeED gd

THE EcERrENaE OF cETOO TIcEq ze giAasrOWN eOiITIaq ARcaANDd AaTIfIq c AND

最后得到正确的对应关系:

[09/26/20]seed@VM:~/Desktop\$ tr ytnvupmhxblcqaiszgderfkjow THEANDIR
0FWMSCLKUBYPGVXQJH < ciphertext</pre>

THE OSCARS TURN ON SUNDAY WHICH SEEMS ABOUT RIGHT AFTER THIS LONG STRANGE

AWARDS TRIP THE BAGGER FEELS LIKE A NONAGENARIAN TOO

THE AWARDS RACE WAS BOOKENDED BY THE DEMISE OF HARVEY WEINSTEIN AT ITS OUTSET

AND THE APPARENT IMPLOSION OF HIS FILM COMPANY AT THE END AND IT WAS SHAPED BY

THE EMERGENCE OF METOO TIMES UP BLACKGOWN POLITICS ARMCANDY ACTIVIS M AND

A NATIONAL CONVERSATION AS BRIEF AND MAD AS A FEVER DREAM ABOUT WHE THER THERE

OUGHT TO BE A PRESIDENT WINFREY THE SEASON DIDNT JUST SEEM EXTRA LONG IT WAS

b->f a->c c>m d->y f->v g->b i->l e->p h->r j->q k->x I->w m->i n->e 0->j p->d q->s e->g s->k t->h u->n v->a w->h x->o y->t z->u

将解密后的结果放入文件中,并转换为小写字母方便阅读:

[09/26/20]seed@VM:~/Desktop\$ tr 'ytnvupmhxblcqaiszgderfkjow' 'THEAN
DIROFWMSCLKUBYPGVXQJH' < ciphertext > decrypt
[09/26/20]seed@VM:~/Desktop\$ tr [:upper:] [:lower:] <decrypt> decry
pt l

the oscars turn on sunday which seems about right after this long strange awards trip the bagger feels like a nonagenarian too

the awards race was bookended by the demise of harvey weinstein at its outset and the apparent implosion of his film company at the end and it was shaped by the emergence of metoo times up blackgown politics armcandy activism and a national conversation as brief and mad as a fever dream about whether there ought to be a president winfrey the season didnt just seem extra long it was extra long because the oscars were moved to the first weekend in march to avoid conflicting with the closing ceremony of the winter olympics thanks pyeongchang

one big question surrounding this years academy awards is how or if the ceremony will address metoo especially after the golden globes which became a jubilant comingout party for times up the movement spearheaded by powerful hollywood women who helped raise millions of dollars to fight sexual harassment around the country

signaling their support golden globes attendees swathed themselves in black sported lapel pins and sounded off about sexist power imbalances from the red carpet and the stage on the air e was called out about pay inequity after its former anchor catt sadler quit once she learned that she was making far less than a male cohost and during the ceremony natalie portman took a blunt and satisfying dig at the allmale roster of nominated directors how could that be topped

as it turns out at least in terms of the oscars it probably wont be

women involved in times up said that although the globes signified the initiatives launch they never intended it to be just an awards season campaign or one that became associated only with redcarpet actions instead a spokeswoman said the group is working behind closed doors and has since amassed million for its legal defense fund which after the globes was flooded with thousands of donations of or less from people in some countries

no call to wear black gowns went out in advance of the oscars though the movement will almost certainly be referenced before and during the ceremony especially since vocal metoo supporters like ashley judd laura dern and nicole kidman are scheduled presenters

another feature of this season no one really knows who is going to win best picture arguably this happens a lot of the time inarguably the nailbiter narrative only serves the awards hype machine but often the people forecasting the race socalled oscarologists can make only educated guesses

破解维吉尼亚密码:

代码截图如下:

```
1 # -*- coding: utf-8 -*-
    pdef findindexkey(subarr):#该函数可以找出将密文 subarr 解密成可见字符的所有可能值
         visiable chars=[]#可见字符
         for x in range(32,126):
             visiable_chars.append(chr(x))
                         #用于测试密钥
         test_keys=[] #用于测试密역
ans_keys=[] #用于结果的返回
         for x in range (0x00,0xFF): # 枚举密钥里所有的值
             test_keys.append(x)
             ans keys.append(x)
         for i in test_keys:#对于 0x00~0xFF 里的每一个数 i 和 subarr 里的每个值 s 异或
             for s in subarr:
    if chr(s^i) not in visiable chars:#用 i 解密 s, 如果解密后明文不是可见字符, 说明 i 不是密钥 ans_keys.remove(i) #去掉 ans_keys 里测试失败的密钥
14
15
         return ans keys
     strmi='F96DE8C227A259C87EE1DA2AED57C93FE5DA36ED4EC87EF2C63AAE5B9A7EFFD673BE4ACF7BE8923C\
     AB1ECE7AF2DA3DA44FCF7AE29235A24C963FF0DF3CA3599A70E5DA36BF1ECE77F8DC34BE129A6CF4D126BF\
     5B9A7CFEDF3EB850D37CF0C63AA2509A76FF9227A55B9A6FE3D720A850D97AB1DD35ED5FCE6BF0D138A84C\
     C931B1F121B44ECE70F6C032BD56C33FF9D320ED5CDF7AFF9226BE5BDE3FF7DD21ED56CF71F5C036A94D96
     3FF8D473A351CE3FE5DA3CB84DDB71F5C17FED51DC3FE8D732BF4D963FF3C727ED4AC87EF5DB27A451D47E\
     FD9230BF47CA6BFEC12ABE4ADF72E29224A84CDF3FF5D720A459D47AF59232A35A9A7AE7D33FB85FCE7AF5\
     923AA31EDB3FF7D33ABF52C33FF0D673A551D93FFCD33DA35BC831B1F43CBF1EDF67F0DF23A15B963FE5DA\
     36ED68D378F4DC36BF5B9A7AFFD121B44ECE76FEDC73BE5DD27AFCD773BA5FC93FE5DA3CB859D26BB1C63C
     ED5CDF3FE2D730B84CDF3FF7DD21ED5ADF7CF0D636BE1EDB79E5D721ED57CE3FE6D320ED57D469F4DC27A8
     5A963FF3C727ED49DF3FFFDD24ED55D470E69E73AC50DE3FE5DA3ABE1EDF67F4C030A44DDF3FF5D73EA250\
     C96BE3D327A84D963FE5DA32B91ED36BB1D132A31ED87AB1D021A255DF71B1C436BF479A7AF0C13AA14794
arr=[]#密文,每个元素为字符的 ascii 码

pfor x in range(0,len(strmi),2):
         arr.append(int(strmi[x:2+x],16))
34
   | Ffor keylen in range(1,14): #枚举密钥的长度 1~14 | for index in range(0,keylen): #对密钥里的第 index 个进行测试 | subarr=arr[index::keylen] #每隔 keylen 长度提取密文的内容,提取出来的内容都被密文的第 index 个加密
38
             ans_keys=findindexkey(subarr)#找出密钥中第 index 个的可能的值
             print('keylen=',keylen,'index=',index,'keys=',ans keys)
if ans keys:#如果密钥第 index 个有可能存在,尝试用密钥的 index 个去解密文
40
41
                 ch=[]
                 ch=[]
for x in ans_keys:
    ch.append(chr(x^subarr[0]))
42
44
    print(ch) #运行到这里,观察输出可以发现,密钥长度为 7 时有解
    print('###########")
     import string
                   key2 (subarr):#再造一个函数筛选密钥
49
50
         test_chars=string.ascii_letters+string.digits+','+'.'+' '#将检查的字符改为英文+数字+逗号+句号+空格
     #print(test chars)
         test_keys=[]#用于测试密钥
         ans_keys=[]#用于结果的返回
for x in range(0x00,0xFF):# 枚举密钥里所有的值
54
            test_keys.append(x)
             ans_keys.append(x)
56
         for i in test_keys:#对于 0x00~0xFF 里的每一个数 i 和 substr 里的每个值 s 异或
             for s in subarr:
                 if chr(s^i) not in test chars:#用 i 解密 s, 如果解密后不是英文、数字、逗号、句号、空格, 说明 i
                     ans_keys.remove(i) #去掉 ans_keys 里测试失败的密钥
                     break
61
         return ans keys
    vigenerekeys=[]#维基尼尔密码的密钥
65
   pfor index in range(0,7):#已经知道密钥长度是 7
    subarr=arr[index::7]
         vigenerekeys.append(findindexkey2(subarr))
    print(vigenerekeys) #输出的是[[186], [31], [145], [178], [83], [205], [62]].
     print("########")
     msg=1

□for i in range(0,len(arr)):
        msg=msg+chr(arr[i]^vigenerekeys[i%7][0])
     print (msq)
```

运行结果如图:

```
1 # -*- coding: utf-8 -*-
   □def findindexkey(subarr):#该函数可以找出将密文 subarr 解密成可见字符的所有可能值
        visiable_chars=[]#可见字符 for x in range(32,126):
            visiable_chars.append(chr(x))
                       #用于测试密钥
        test_keys=[]
        ans_keys=[] #用于结果的返回
        for x in range (0x00,0xFF): # 枚举密钥里所有的值
            test_keys.append(x)
            ans keys.append(x)
        for i in test_keys:#对于 0x00~0xFF 里的每一个数 i 和 subarr 里的每个值 s 异或
            for s in subarr:
    if chr(s^i) not in visiable chars:#用 i 解密 s, 如果解密后明文不是可见字符, 说明 i 不是密钥 ans_keys.remove(i) #去掉 ans_keys 里测试失败的密钥
        return ans keys
    strmi='F96DE8C227A259C87EE1DA2AED57C93FE5DA36ED4EC87EF2C63AAE5B9A7EFFD673BE4ACF7BE8923C\
     AB1ECE7AF2DA3DA44FCF7AE29235A24C963FF0DF3CA3599A70E5DA36BF1ECE77F8DC34BE129A6CF4D126BF\
     5B9A7CFEDF3EB850D37CF0C63AA2509A76FF9227A55B9A6FE3D720A850D97AB1DD35ED5FCE6BF0D138A84C\
     C931B1F121B44ECE70F6C032BD56C33FF9D320ED5CDF7AFF9226BE5BDE3FF7DD21ED56CF71F5C036A94D96
     3FF8D473A351CE3FE5DA3CB84DDB71F5C17FED51DC3FE8D732BF4D963FF3C727ED4AC87EF5DB27A451D47E
     FD9230BF47CA6BFEC12ABE4ADF72E29224A84CDF3FF5D720A459D47AF59232A35A9A7AE7D33FB85FCE7AF5\
     923AA31EDB3FF7D33ABF52C33FF0D673A551D93FFCD33DA35BC831B1F43CBF1EDF67F0DF23A15B963FE5DA\
     36ED68D378F4DC36BF5B9A7AFFD121B44ECE76FEDC73BE5DD27AFCD773BA5FC93FE5DA3CB859D26BB1C63C
     ED5CDF3FE2D730B84CDF3FF7DD21ED5ADF7CF0D636BE1EDB79E5D721ED57CE3FE6D320ED57D469F4DC27A8
     5A963FF3C727ED49DF3FFFDD24ED55D470E69E73AC50DE3FE5DA3ABE1EDF67F4C030A44DDF3FF5D73EA250\
     C96BE3D327A84D963FE5DA32B91ED36BB1D132A31ED87AB1D021A255DF71B1C436BF479A7AF0C13AA14794
arr=[] #密文,每个元素为字符的 ascii 码

pfor x in range(0,len(strmi),2):
        arr.append(int(strmi[x:2+x],16))
   □for keylen in range(1,14):#枚举密钥的长度 1~14
        for index in range(0, keylen):#对密钥里的第 index 个进行测试 subarr=arr[index::keylen]#每隔 keylen 长度提取密文的内容,提取出来的内容都被密文的第 index 个加密
            ans_keys=findindexkey(subarr)#找出密钥中第 index 个的可能的值
            print('keylen=',keylen,'index=',index,'keys=',ans keys)
if ans keys:#如果密钥第 index 个有可能存在,尝试用密钥的 index 个去解密文
                ch=[]
                for x in ans_keys:
    ch.append(chr(x^subarr[0]))
42
    print('###########")
     import string
                  ey2 (subarr): #再造一个函数筛选密钥
49
50
51
        #print(test_chars)
        test_keys=[]#用于测试密钥
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for x in range(0x00,0xFF):# 枚举密钥里所有的值
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           test_keys.append(x)
            ans_keys.append(x)
        for i in test_keys:#对于 0x00~0xFF 里的每一个数 i 和 substr 里的每个值 s 异或
            for s in subarr:
                if chr(s^i) not in test chars:#用 i 解密 s, 如果解密后不是英文、数字、逗号、句号、空格, 说明 i
                   ans_keys.remove(i) #去掉 ans_keys 里测试失败的密钥
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61
        return ans keys
    vigenerekeys=[]#维基尼尔密码的密钥
   pfor index in range(0,7):#已经知道密钥长度是 7
    subarr=arr[index::7]
         vigenerekeys.append(findindexkey2(subarr))
    print(vigenerekeys)#输出的是[[186], [31], [145], [178], [83], [205], [62]].
    print("########")
   for i in range(0,len(arr)):
        msg=msg+chr(arr[i]^vigenerekeys[i%7][0])
    print (msq)
Cryptography is the practice and study of techniques for, among other things, se
```

Cryptography is the practice and study of techniques for, among other things, se cure communication in the presence of attackers. Cryptography has been used for hundreds, if not thousands, of years, but traditional cryptosystems were designe d and evaluated in a fairly ad hoc manner. For example, the Vigenere encryption scheme was thought to be secure for decades after it was invented, but we now kn ow, and this exercise demonstrates, that it can be broken very easily.

所以得到明文为:

Cryptography is the practice and study of techniques for, among other

things, secure communication in the presence of attackers. Cryptography has been used for hundreds, if not thousands, of years, but traditional cryptosystems were designed and evaluated in a fairly ad hoc manner. For example, the Vigenere encryption scheme was thought to be secure for decades after it was invented, but we now know, and this exercise demonstrates, that it can be broken very easily.

重复一次一密的破译:

首先逐个异或各段密文,确定 space 的位置及其对应位置的密钥, 代码如下

```
import collections
       # Seven different pieces of ciphertext encrypted with the same key
       C1='BB3A65F6F0034FA957F6A767699CE7FABA855AFB4F2B520AEAD612944A801E'
C2='BA7F24F2A35357A05CB8A16762C5A6AAAC924AE6447F0608A3D11388569A1E'
       c3='A67261BBB30651BA5CF6BA297ED0E7B4E9894AA95E300247F0C0028F409A1E'
c4='A57261F5F0004BA74CF4AA2979D9A6B7AC854DA95E305203EC8515954C9D0F'
       c5='BB3A70F3B91D48E84DF0AB702ECFEEB5BC8C5DA94C301E0BECD241954C831E'
11
12
13
14
15
16
17
18
19
20
21
22
       c6='A6726DE8F01A50E849EDBC6C7C9CF2B2A88E19FD423E0647ECCB04DD4C9D1E
       c7='BC7570BBBF1D46E85AF9AA6C7A9CEFA9E9825CFD5E3A0047F7CD009305A71E'
       ciphertexts = [c1, c2, c3, c4, c5, c6, c7 ] #array of all ciphertexts
ciphertexts_counter=collections.Counter()
       key=[]
    □ for current index1,ciphertext1 in enumerate(ciphertexts):
            current_index1,clpnertext1 in enumerate(clpnertexts):
sure_site_space=[]
counter = collections.Counter()
print("对于密文",current_index1+1)
for current_index2,ciphertext2 in enumerate(clphertexts):
23
24
25
26
27
28
29
30
31
32
33
34
35
                  if current_index1 != current_index2:
    print("密文",current_index1+1,"与密文",current_index2+1,"进行异或")
    for site_index in range(len(ciphertext1)):
                        if site index%2==0:
                               result=int(ciphertext1[site_index],16)^int(ciphertext2[site_index],16)
                              if (int(result)<=int('7',16) and int(result)>=int('4',16)):
    counter[site_index]+=1
    #print(site_index+1,ciphertext1[site_index],"^",ciphertext2[site_index],hex(result))
            for site_index,value in counter.items():
               if value >=4:
    sure_site_space.append(site_index/2+1)
            print("密文",current_index1+1,"space
                                                                   位置",sure site space)
            for index in sure_site_space:
   if index not in site_space:
                         site_space.append(index)
cipher=ciphertext1[int(index*2)-2:int(index*2)]
                         temp_key=int(cipher,16)^int('20',16)
key.append(hex(temp key))
      print(site_space)
       print (key)
     | print('密钥',site_space[index],"为",key[index])
```

得到结果如下:

```
17. 0, 24. 0, 29. 0, 14. 0]
3. 0, 6. 0, 10. 0, 15. 0, 22. 0, 25. 0, 4. 0, 12. 0, 1'
27. 0, 19. 0, 28. 0, 29. 0]
da', '0x72', '0x4', '0x73', '0x98', '0x86', '0x6'', '0x89', '0x89', '0x67', '0xa5', '0xc8', '0xe', '0x61'
```

用得到的密钥求解各段密文的部分字段,再根据空格位置和单词长度获得其余密钥,得到解密结果:

I am planning a secret mission.

He is the only person to trust.

The current plan is top secret.

When should we meet to do this?

I think they should follow him.

This is purer than that one is.

Not one cadet is better than I.