furryCTF_OP-PuzzleGeek

A. [beginner]签到题

QQ音乐识别行了

furryCTF{zaomengxiyou3}

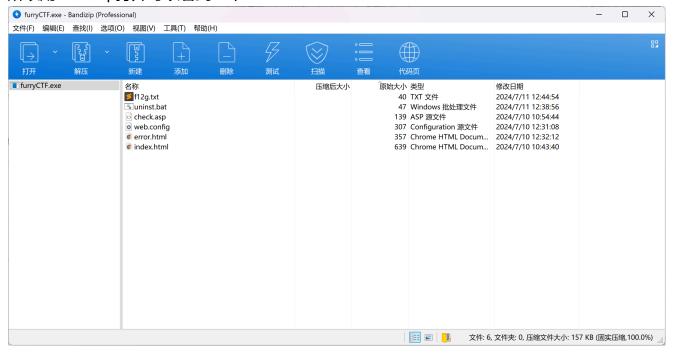
B. [misc]猫猫的故事



C. [misc]安装包

安装包可以看作是一种特殊的压缩包

所以用bandizip打开可以看到一个txt



得到koiiwEMK{M0q_Kf_Fkwj_K12a_Ze_Gp5mfqfvi?}

感觉不是凯撒密码就是维吉尼亚, 最后发现是维吉尼亚, key用工具可推出



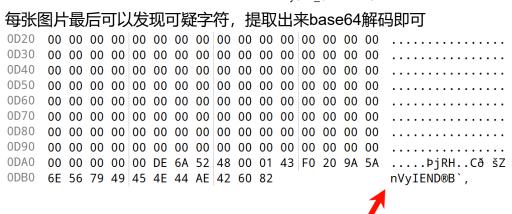
furryCTF{H0w_To_Hide_F12g_In_In5taller?}

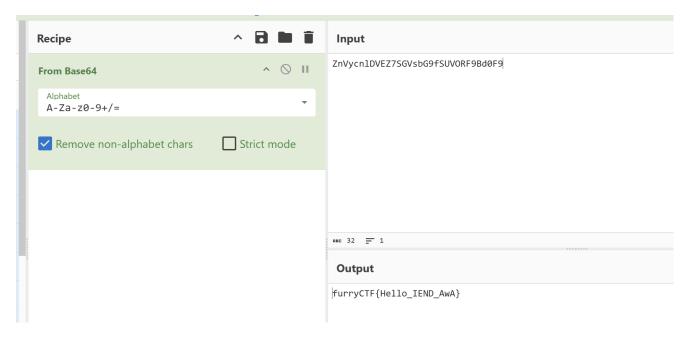
D. [misc]丢失的文档

记事本打开行了

```
? ? ? ? ? ? ! + | + | + | + | ? | | ? ? ? ?
                                                                                                                                                                                                                                                                                                                   W□
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? DD DD
 鵞擽剉f l a g :N□□
 furryCTF{How_To_F1x_This_Wor6_D0cument}
 123
□□hlu" □hlu" o(□□□h橪? □□h漢□ □h橪? o(□ □ □□ d□ l□ ? ?
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```

E. [misc]黑暗





H. [misc]乱码

字频统计

 $01\m+w+H+1$?{}\}\m74\?e4}?\\\}5?\?i\M68M42+ $\end{array} \end{array} $$ \operatorname{-m+0s?m}1Hee+038??2+tm76+9???52?\\01\a1?$ $50?6\7+\C+2H\w-+e+?\?1e+nt?3ti-\8\m5?\1??e6\?$ $T?+2\??a?+t?\iw0\?Cy+?\0?i+\+3?0}7?$ 89a3\e\M\5\M+5F04s?835\+?a\sH}+-i\\\?60\8HC+ $5t4+-+\C85tM5n4F+867i+ne8w+e068+\cs$ $+5o\s1+9?05\?8i\722\m9?mmo\+\1C}?\?HiC1t+9_\$ $e^20e + a68am - + ? + 5 + ?? + es \w} 9 s? \0 299?$ $+m6m??\+ +0i-s}0\+ \tan 10\s\?nFFs\+ 03+6+?m?$ 38+ 9?++?65+8mMt+769++t9?m3?m-?++??T? $01?s\won?8w+?++++5+?\t\??-2m3183\}H\at5\76?7?$ 0e\ms\{3+\\eiiaH7+416? t2-5?9\8{sT}791\ $+2e7MsT\ae?5F7tar7iF}??\t59F+-62e75+n45\9+M+?$ i0?\-5a+?C\n+8\r\53Cit02 920?98?\F??95?3\85?H?\ $M?i++\7???n?\??s?0nn_?mroo+sa?8+?30m3?+$ $48a5?ot?+?m}0?8ims??3\+379s\+1??{\69r\}H?$ +y\nm 4?+}+-2HC7+?4??\+256s9+5?22?284m\\70? $e46\2++m1om?3\ntH?3??+5\C2ws+?t?-?m?$ $+87+2_t\?1\Ams1\H0e?+\95?a\6si}s+0s+?-++\$ $+80t+m+\}+\ 74T1{\ 732\ +?nT\ +w7o7+a-?o+H?73+}$ +\34?ewy?1+0-oH9\?55T+3\8ii{i++y\{7a\i_e1i? $7i23y969m\8t\4\-n++6m85Mnwe74+i96?\9{e0}$? 6r_i_34\0t4+0?+nm\134ie?8n698\0am5\\8?}60+w\i+ $\w9?oM83-H79t\\)\4y+\+?a30-8mt+\t\?\\7?$ $5 + e \ 2n4_nT + n - 0 \ 33???? \ ??9 \ 26 + + - w? + \ 8 \ 77i + \\$ $+F7t\?s68+e\5?7\m8+m79+7C?\m?m8?13wa??$

序号	字词	频次	频率 %	
1	\	2667	14.4961	
2	+	2373	12.8981	
3	?	2352	12.784	
4	5	525	2.8536	
5	4	525	2.8536	
6	6	525	2.8536	
7	9	525	2.8536	
8	7	525	2.8536	
9	8	525	2.8536	
10	0	525	2.8536	
11	3	525	2.8536	

\+?546978032}semit-1naM_woH{FTCyrfu

○ 默认 ○ 亿	双大写 〇 仅小写 〇 强制大写 〇 强	强制小写				
□ 是否倒序	字频统计					

\+?465932807}semit-1naM_woH{FTCyrfu倒序过来恢复成furryCTF字样的flag



💸 要将字符串 +?465932807}semit-1naM_woH{FTCyrfu 倒序并恢复成 furryCTF 字样的 flag,可以按照以 下步骤操作:

1. 倒序字符串

将字符串 +?465932807}semit-1naM_woH{FTCyrfu 倒序过来:



2. 提取 Flag

从倒序后的字符串中,找到以 furryCTF{ 开头并以 } 结尾的部分:



3. 最终 Flag

因此,恢复后的 flag 是:



这个 flag 符合常见的 CTF 比赛格式,通常以 furryCTF{...} 的形式出现。

9 C P

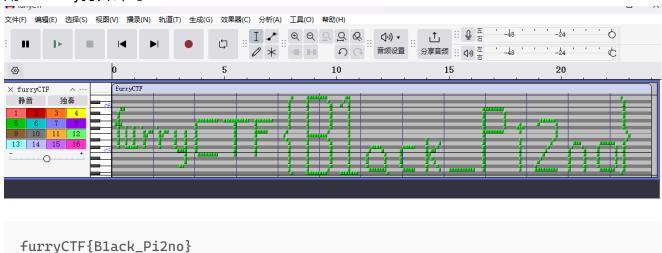
K. [misc]Windows 1.0

用vscode打开搜furryCTF即可

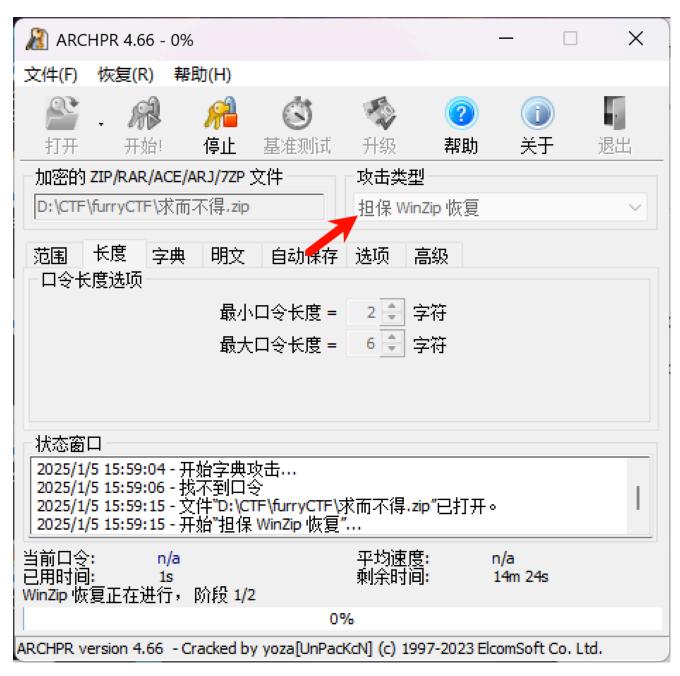
furryCTF{Call_Help_When_Y0ur_Comput9r_Is_D0ne}

M. [misc]此时无声胜有声

用Audacity打开即可



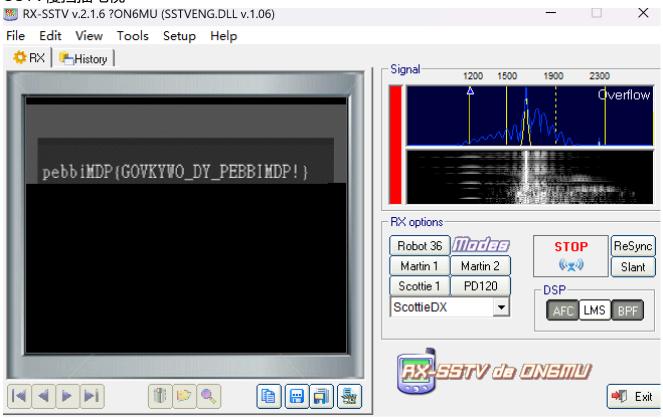
Q. [misc]求而不得



furryCTF{CRC_Hack_Cou1d_Be_The_Key_F0r_Passw0rd}

R. [misc]图片的秘密

SSTV慢扫描电视

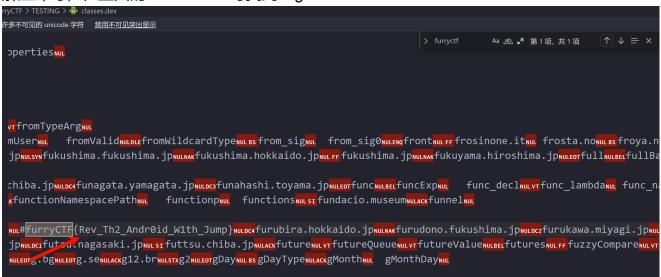


然后好像是凯撒吧

furryCTF{WELAOME_TO_FURRYCTF!}

_. [mobile]登录

无论是上面的exe,还是apk都**可以看作是一种特殊的压缩包**,既然是压缩包就直接用bandizip 解压即可,在里面的classes.dex可找到flag



·. [mobile]认证系统

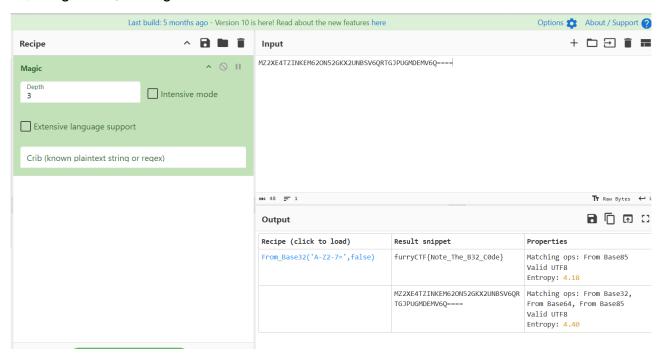
同上

烦人的黑框框

看见exe图标是pyinstaller打包的,pyinstxtractor解包得到pyc,pyc反编译得到py源码

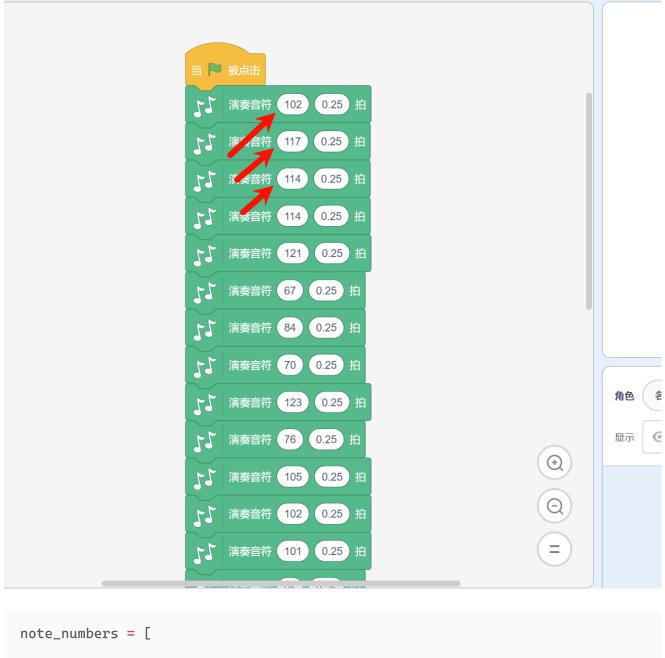
```
mport time
import os
lists = 'MZ2XE4TZINKEM62ON52GKX2UNBSV6QRTGJPUGMDEMV6Q===='
while None:
    for i in lists:
        os.system('curl -X POST -H "X-Forwarded-For=furryCTF{Not_Here}"
127.0.0.1:56387?data=' + i)
        time.sleep(1)
```

厨子magic模式得到flag



g. [crypto]Scratch

找Scratch的官网运行一下,发现102,117编号的东西,想到是ASCII码,解一下即可



h. [crypto]MD5

直接爆

```
import itertools
import hashlib
target_md5s = {
    "45c21d962131b80744fe6486cd24fd0c",
    "8fb395ce2928cbff098b2155f7eefef7",
    "fba373ec33f112d6fc74651cedc0c6c0",
    "639849f6b368019778991b32434354fc"
}
lowercase_letters = 'abcdefghijklmnopqrstuvwxyz'
for length in range(5, 8):
   for combination in itertools.product(lowercase_letters, repeat=length):
        candidate = ''.join(combination)
        md5_hash = hashlib.md5(candidate.encode()).hexdigest()
        if md5_hash in target_md5s:
            print(f"找到匹配: {candidate} -> {md5_hash}")
            target_md5s.remove(md5_hash)
            if not target_md5s:
                exit()
```

```
● ② xisck on ■D:/CTF

# & D:/Python/python.exe d:/CTF/furryCTF/md5555.py

找到匹配: again -> 639849f6b368019778991b32434354fc

找到匹配: furbbs -> 8fb395ce2928cbff098b2155f7eefef7

找到匹配: seeyou -> fba373ec33f112d6fc74651cedc0c6c0

找到匹配: furlary -> 45c21d962131b80744fe6486cd24fd0c

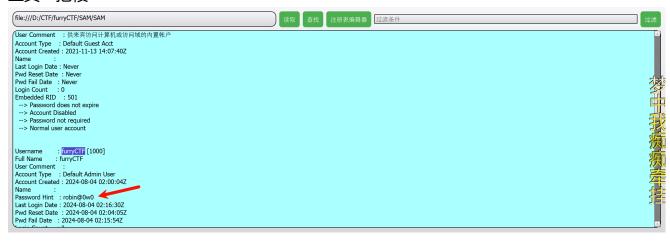
③ xisck on ■D:/CTF

# ■
```

```
furryCTF{furlary_furbbs_seeyou_again}
```

i. [crypto]SAM

工具一把梭



furryCTF{robin@0w0}

j. [crypto]粗心的猫猫

找到两个n的最大公因数即可

```
import gmpy2
from Crypto.Util.number import long_to_bytes
c1=2616225154450846689007019196467926428889335392687050302769125495331219155
6684251947807814586453041496816639733574613892245624244877843107947565796313
4571949632083257969882230440648928143257070245288270308029482749154782047881
0444983638468616932258002719179818081343158089855576463264164753561267674729
6288827765675463660172227412267723222383647473303734628967551408240956232319
9183486939476452972360542265981304649593355320330841652693243166189222808553
9797510953948913494048115598908447500306735781632990876053715796840734065637
0839454988169783339032914275049500945325863792304594192826077002581591970845
4426983202765204190607912543594769117428033221148567122349867310062465318485
0860369692866219691645715021136039458382854909116076746371597369292705809382
5435783662276508035138292279290836204799336817390106695508727040786902030579
9024500722284237719918763091257195904695045377975497636757228761025348908589
2895641300580823474487881469457303399310570371696799051815628502806994314131
9206388659621307840924798127839801406493648643969417944385364820308194009820
3206075608679889693733797159056740161755634603973303673942669671804699009590
7981926703848526590297073083062402619996197924605789667977257490385284288989
1339318967604727744853627746605687461156426328974562253263509520341682380858
7576428823937947387916275491148871529369187420297952482147347204121338749241
6161314763000893856229545332916634385464891403970925818177459156159267769757
7779302334437159622097962960078001821164078717826789612269587427654061328830
5259418616950721083568798423293230002771271332933438823537313328245067306005
5879722384396367341634060861410056354641915921078851386181658630748485512906
8272203174596011113558940866771836595482385622769261974335282220140700873797
5196457544131082916082832980911212922923506756265317727571652879913179771722
7236108182410283736628464098027917076283775756735880272730425581483608509604
9770668496063200469123152330875795029909452148123356549846332589784598374541
```

n1 = 3573732341107374111496171426065612539413260680402098416454376398047835410

c2=1417764517503922911634603040313209923225229115313530740796847201538630396 4020230848565759195759027383246951832477054433347707690002329372303684223814 6047083500015962610279943202343016823333927538123149146284856126566138456780 0447584223901280564335881235722673262820829379251507602808568962663342307630 8907711027344670579780842021165382340287372403136803121946921876281764206368 9845991466836385443863409322164086224047368995544586280661464612101614921197 417828356003039287413996830974696626978384439317161695922653499755056482841

 ${\tt n2=}3074549153012287940051848662160225605497305792390077116840311063418829412$

```
e = 65537
p = gmpy2.gcd(n1,n2)
q1 = n1 // p
q2 = n2 // p
d = gmpy2.invert(e, (p-1)*(q1-1))
d1 = gmpy2.invert(e, (p-1)*(q2-1))

m1 = pow(c1, d, n1)
m2 = pow(c2, d1, n2)
print(long_to_bytes(m1))
print(long_to_bytes(m2))
b'furryCTF{The_Eas9_RSA_Enc0de_1n_furryCTF}'
b'furryCTF{The_Eas9_RSA_Enc0de_1n_furryCTF}'
```

I. [hardware]Charge

淘宝一搜就行

furryCTF{20000_50_PPJL65C}

o. [osint]人文风景



界首市

安徽省阜阳市界首市胜利路与富强路交叉口西180米





周边

W

C

酒店

导航

路线

对面的老刘传统蒸菜馆就是,

furryCTF{laoliuchuantongzhengcaiguan}

p. [osint]循迹

先找图片1的牛牛



正月十五闹元宵!登上央视的"墨小牛"现身即墨古城

腾讯网

1

找到即墨古城,然后找这个周边的火锅

4:34

(1) 1 (45)

く 全部评价

全部(18) 带图(7) 最新 好评(18)



用户_mW17381 (高德达人)



2024-03-24发表于山东 高德地图

5分

首先感谢德庄老板的霸王餐活动 收到私信那一刻尊嘟很 激动物物物

※环境:环境真的不错很喜欢的风格

≫服务: 服务真的炒鸡棒!! 撤盘子也很及时服务 全文

















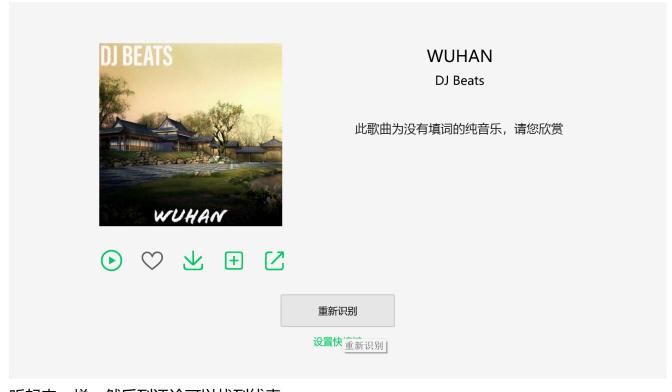
写真实优评赢10张达人卡

看到锅基本一样,得

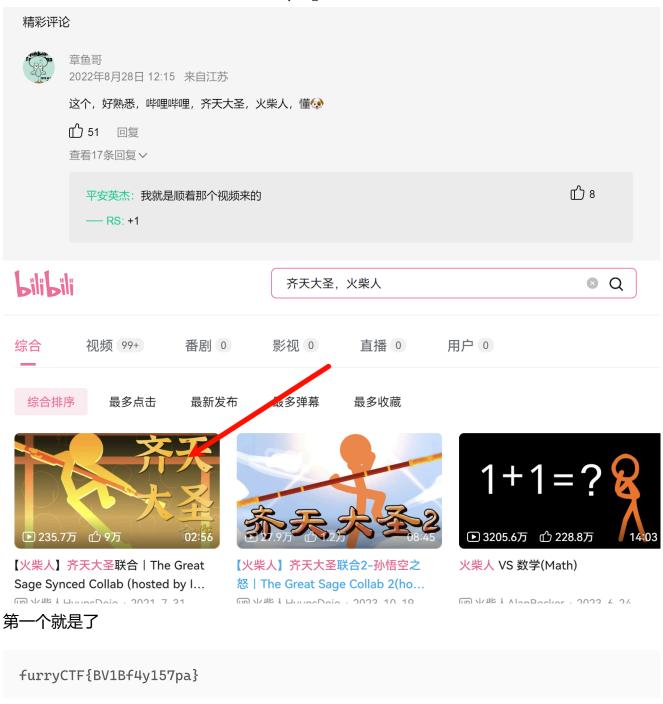
furryCTF{dezhuanghuoguo}

q. [osint]神秘影片

用QQ音乐识曲一下



听起来一样, 然后到评论可以找到线索



u. [osint]旅行照片

一眼日月双塔

furryCTF{riyueshuangta}

w. [osint]归去

先找后面的G2805,可以得知当前站是界首南站

furryCTF_OP-PuzzleGeek G2805 C 预计5小时47分后到达目的地 请以列车实际运行情况为准 复兴号 ← 智能动车 1月5日周日 杭州西> 石家庄〉 历时7小时47分 **始** 14:39 终 22:26 担当路局:上海局 未关注 4分 周口东 17:42 17:38 预计正点 沈丘北 2分 预计正点 17:58 17:56 18:12 2分 界首南 18:10 预计正点 18:24 临泉 18:22 2分 预计正点 4分 阜阳西▶ 18:43 18:39 预计正点 淮南南 19:20 2分 预计正点 19:18 合肥南▶ 6分 19:58 20:04 预计正点 巢湖东 20:27 20:25 2分 预计正点 芜湖▶ 2分 20:50 预计正点 20:48 2分 宣城▶ 21:20 21:18 预计正点 安吉▶ 预计正点 2分 21:45 21:43 湖州▶ 22:03 2分 预计正点 22:01

22:26

到达站

22 / 23

预计正占

杭州西

然后对界首南站高铁时刻表查询 根据时间一个个试试出上海

车次	车型	始发站	发时	到达站	到时	查询站	到达查询站时间	查询站发车时间	查询站站序
G7787	高速	界首南	06:53	上海虹桥	11:09	界首南		06:56	01
G7721	高速	界首南	07:47	安庆	11:07	界首南		07:47	01
G7731	高速	界首南	09:42	杭州东	14:00	界首南		09:41	01
G7723	高速	界首南	12:03	安庆	15:33	界首南		12:03	01
G7733	高速	界首南	12:47	芜湖	15:34	界首南		12:47	01
G7499	高速	界首南	15:20	温州南	22:15	界首南		15:15	01
G7275	高速	界首南	17:52	上海	21:49	界首南		17:52	01
G7735	高速	界首南	19:14	黄山北	22:39	界首南		19:13	01

界首南站 途经车次 (共14车次)

古 杏 辰 东 江 坡 **热门** G621 G47 C660 G130

C476