

HGAME 2022 Week1writeup by 给爷点一杯奶茶

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HGAME 2022

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WEB

蛛蛛

写个脚本爬一下在最后一个页面看响应头即可得到flag

小游戏

查看js代码

查找对应胜利条件

```
.f [(score >= 3000 && !window.winned) {  
    winned = true  
    alert(atob("ZmxhZyDosoZkvLzooqvol4/otbfmnaXkuobvvIzlho3mib7mib7lkKch"))  
    // ][(![+[])[+[]]+(![+[]][!+[]+[]]+(![+[])[+!+[]]+(![+[])[+[]]][(][(![+[])[+[]]+(![
```

将下面那一些东西放控制台执行一下即可

CRYPTO

eazyRSA

相当于已知p、q、e、m去求原文

写个小爆破脚本即可

```
sc=[(12433, 149, 197, 104), (8147, 131, 167, 6633), (10687, 211, 197, 35  
sj="abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ0123456789\! '_;  
for i in range(38):  
    qaq=sc[i];  
    e=qaq[0];  
    p=qaq[1];  
    q=qaq[2];  
    a=qaq[3];  
    for j in range(72):  
        c=sj[j];  
        if pow(ord(c), e, p * q) == a:  
            print(c);
```

英文小说

看给的加密代码非常容易理解

问题是如何找到对应的文件

后给所有文件按大小降序排序得到相对应的文本

写个脚本即可的到key并用其解密flag

有几个空猜一下即可

```

a1="h sbqctbno uw ox fbay Rbyalrkq pnz Vs. Dwonbnolun chk kuld cteafx"
a2="e appeared to be that Napoleon and Mr. Pilkington had each played"

for i in range(len(a1)):
    a=(ord(a1[i])-ord(a2[i])+26)%26;
    print(a);

flag="klsyf{W0_j0v_ca0z_'Ks0ao-bln1qstxp_juqfqy'?}"
key=(3,0,18,12,1,24,19,10,9,11,0,1,8,0,13,19,0,12,20,0,5,0,4,1,9,12,0,13,

result=""
for i in range(len(flag)):
    if flag[i].isupper():
        result += chr((ord(flag[i]) - ord('A') - key[i]+26) % 26 + ord('A'))
    elif flag[i].islower():
        result += chr((ord(flag[i]) - ord('a') - key[i]+26) % 26 + ord('a'))
    else:
        result += flag[i]

print(result)

```