

队伍名称: **siyah**

队伍 ID: **00007f**

TEST NC

Kali 虚拟机中输入 nc 119.45.235.21 30838

```
(siyah@Kali)-[~]
$ nc 119.45.235.21 30838
ipconfig
/bin/sh: ipconfig: not found
ls
bin
dev
etc
flag
home
lib
media
mnt
opt
proc
root
run
sbin
srv
start.sh
sys
tmp
usr
var
cat /flag
hgame{yOUR_C4n-C0NN3Ct_T0_TH3_rEM0t3_3Nvir0nM3nt-T0_Get-FLag0}
```

Compress dot new

```
import json

# 解析霍夫曼树
def parse_huffman_tree(json_data):
    if 's' in json_data:
        return {'type': 'leaf', 'char': str(json_data['s'])} # 确保字符是字符串
    else:
        return {
            'type': 'node',
            'left': parse_huffman_tree(json_data['a']),
            'right': parse_huffman_tree(json_data['b'])
        }

# 解码二进制字符串
def decode_huffman(tree, binary_string):
    result = []
    current_node = tree
    for bit in binary_string:
        if bit == '0':
```

```

        current_node = current_node['left']
    else:
        current_node = current_node['right']

    if current_node['type'] == 'leaf':
        result.append(str(current_node['char'])) # 确保添加的是字符串
        current_node = tree # 重置到根节点
    return ''.join(result)

# 读取 enc.txt 文件
with open('enc.txt', 'r') as f:
    data = f.read().split('\n')
    json_data = json.loads(data[0])
    binary_string = data[1]

# 解析霍夫曼树
huffman_tree = parse_huffman_tree(json_data)

# 解码二进制字符串
original_data = decode_huffman(huffman_tree, binary_string)

# 输出原始数据
print(original_data)

```

输出：

```

104103971091011237811745831041011081084511599114491121161154597114514549110116
511145111511649110103451164845119114491161104103971091011237811745831041011081
084511599114491121161154597114514549110116511145111511649110103451164845119114
491161014538451171151013312513107611111410110932105112115117109321001111081111
143211510511632971091011164432991111101151019911610111611711432971001051121051
159910511010332101108105116461310781171081089732110101993210810510311710897321
101011131171014538451171151013312513107611111410110932105112115117109321001111
081111143211510511632971091011164432991111101151019911610111611711432971001051
121051159910511010332101108105116461310781171081089732110101993210810510311710
897321101011131171610111611711432971001051121051159910511010332101108105116461
310781171081089732110101993210810510311710897321101011131171014632691161059710
932101116321181051181011141149732110117110994432118101108329810598101110100117
109321141051151171154632014632691161059710932101116321181051181011141149732110
117110994432118101108329810598101110100117109321141051151171154632681111101019
946

```

hgame{Nu-Shell-scr1pts-ar3-1nt3r3st1ng-t0-wr1te-&-use!}

Level 24 Pacman

游戏失败

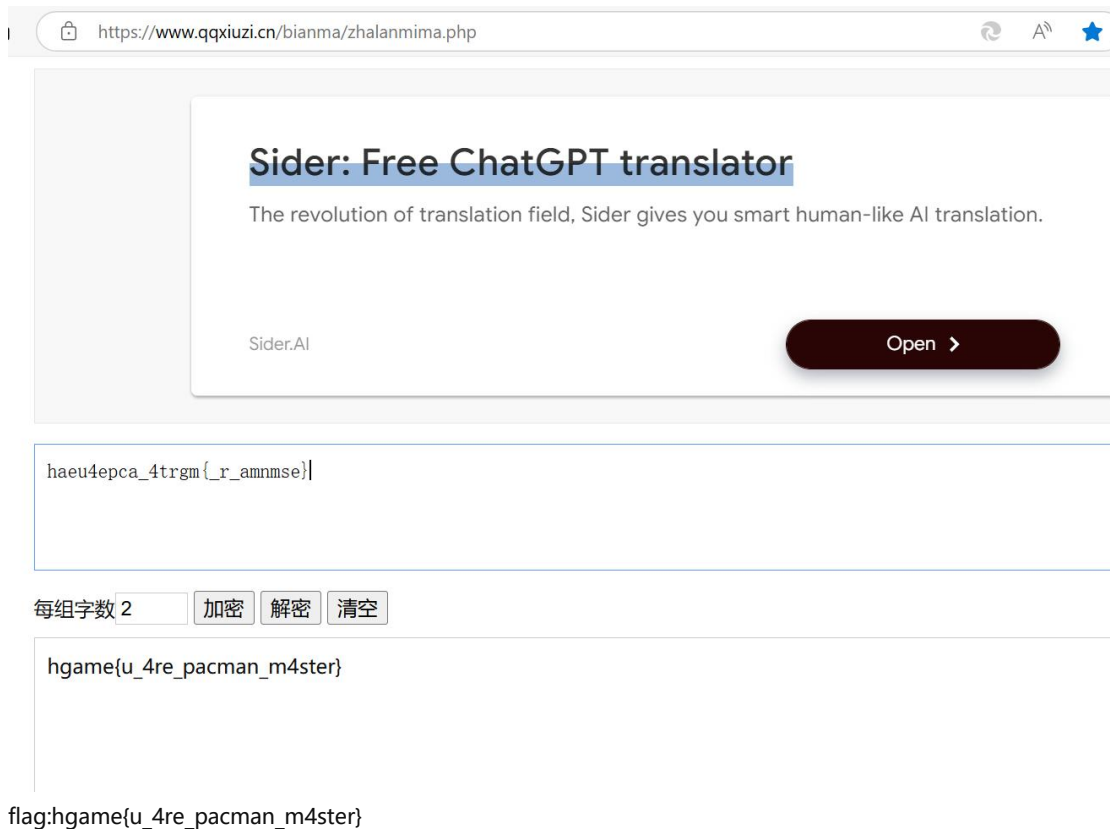
GAME OVER

FINAL SCORE: 24

here is your gift:aGF1cGFpZW1rc3ByZXRnbXtydGNfYWVfZWZjf0==

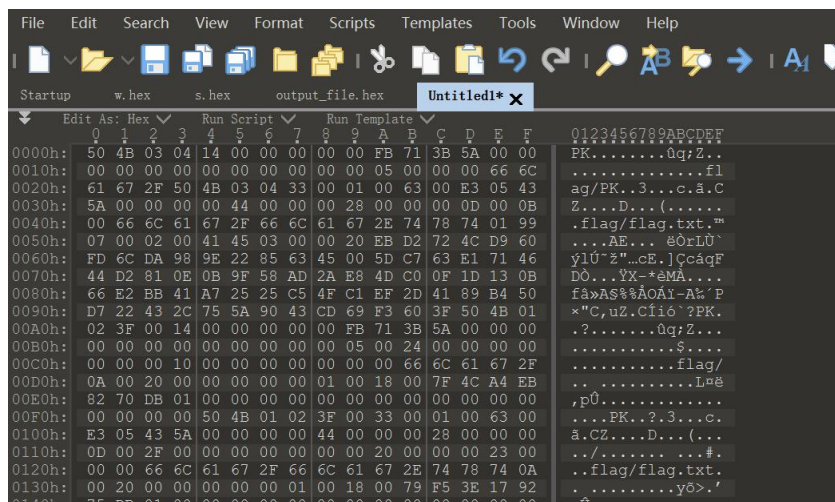
< unsafe | 146.56.227.88?x201507/static/script/index.js

```
function_0x3d33(){var _Ox491a5e=
[bold|x2014px|x20PressStart2P','floor','font','#FF59B3','#7C6C0','FINAL|x20SCORE:x'20','replace,'orientation','top','color|fontWeight','begin
','data','max','createMap','coord2position','random','7zrFMBXG','l0o1','C#3','170199AKrfCQ','times','fillText','here is your
gift:aGLfDRlcGNhzRcMdmetly9yXZftbmIzxO=-','stringify','1t67426AUPLO','keyCode','score','PAUSE','then','get','url('static/font/PressStart2P
','C9C','9wieuXs','wall,color','change','indexOf','cord','#56A36C','87767agdcyzC','AAA','24px|x20PressStart2P','min','getItemByIn
n','left','arc','#09f','l100','fill','1031285YHAFQ','params','forEach','keydown','14250214XNOVPV','S5EDD1','status','lineTo','#9C','size'
Man','bottom','path','id','parse,vector','PressStart2P','#E08031','LEVEL','resetItems','24LYezqn','quadraticCurveTo','bind','Press'x20Ente
m','setStage','open','timeout','height','textBaseline','fillRect','#7EB8FA','https://passer-
by.com','center','join','y_length','speed','goods','styleType','stroke','init','x_length','1360613ofcLRLE','52otZYMH','set','finder','#EB3F2F
6OC','here is your gift:aGLfcFPzwllrc3ByZXRBhtydNGFYWvFWZWJfo=-','next','offset','531288SHZHmfhx','20px|x20PressStart2P','0011','closePath',
{return_Ox491a5e}:return_0x3d33():)function_0xa371(xbed94c,x2472c2)(var_0x3d332=_0x3d333():return_0xa371=function(_0xa371f,_0xs3df
_0xi188582=_0x3d332():_0xa371f:return_0xi188582;)::0xa371(xbed94c,x2472c2):(function_0xae6759,_0xb165)=function(var_0x21583:_0xa1f,_0xa9fs9f
parseInt(_0x21583(0x10f)/_0x1+parseFloat(_0x21583(0x15e))/_0x2*(parseFloat(_0x21583(0x10a))/_0x3)+parseFloatInt(_0x21583(0x169))/_0x4)-parseFloatInt(_0x2
parseIntInt(_0x21583(0x145))/_0x6)+parseFloatInt(_0x21583(0x120))/_0x7*(parseFloatInt(_0x21583(0x107))/_0x8)+parseFloatInt(_0x21583(0x119))/_0x9*(-
parseFloatInt(_0x21583(0x15d))/_0x1)+parseFloatInt(_0x21583(0x133))/_0xb;if(_0x2102f==_0x501b65)break}else_0xa95f92['push'](_0xa95f92['shift'])};j
...}
```



Hakuya Want A Girl Friend

010editor 打开附件



分成两个文件，压缩包和图片

图片文件逆序

```
def reverse_hex_file(input_file, output_file):  
    # 以二进制方式打开输入文件  
    with open(input_file, 'rb') as f:  
        # 读取文件内容  
        file_data = f.read()  
  
    # 将文件内容逆序
```

```

reversed_data = file_data[::-1]

# 将逆序后的内容写入到输出文件
with open(output_file, 'wb') as f:
    f.write(reversed_data)

print(f"文件已成功逆序并保存到 {output_file}")

# 示例使用
input_file = "input_file.hex" # 输入文件
output_file = "output_file.hex" # 输出文件

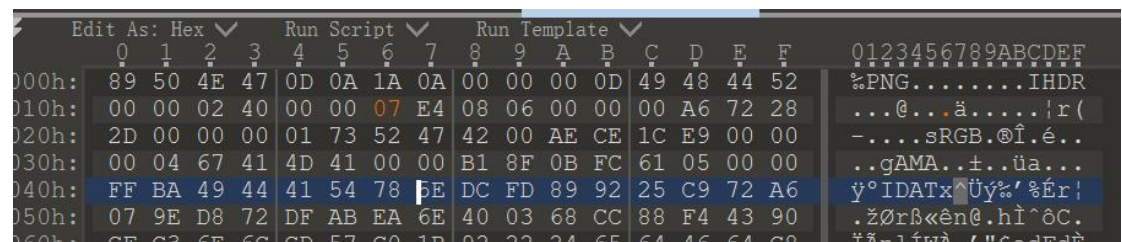
reverse_hex_file(input_file, output_file)

```

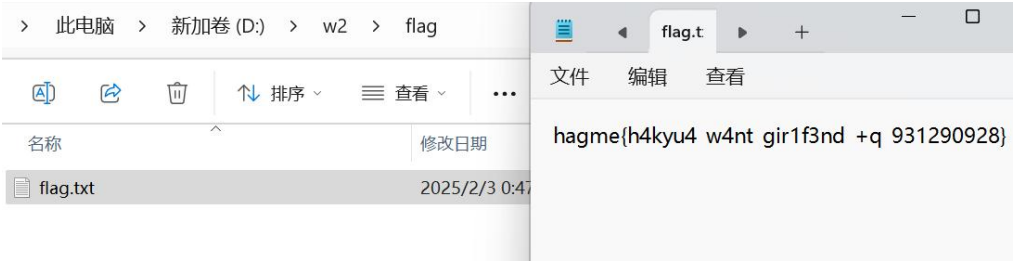
打开图片



修改高度



压缩包解压输入密码 To_f1nd_th3_QQ



修改前缀

hgame{h4kyu4_w4nt_gir1f3nd_+q_931290928}