

2020 纵横杯 线上赛 MISC部分Writeup

原创

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签到



```
oct_str = '[0146, 0154, 0141, 0147, 0173, 0167, 063, 0154, 0143, 0157, 0155, 0145, 0137, 0164, 0157, 0137, 062, 0157, 0156, 0147, 0137, 0150, 063, 0156, 0147, 0137, 0142, 0145, 061, 0175]'  
  
oct_list = oct_str.replace("[", "").replace("]", "").replace(",", "").split(' ')  
for flag in oct_list:  
    print(chr(int(flag,8)),end="")
```

```
1 oct_str = '[0146, 0154, 0141, 0147, 0173, 0167, 063, 0154, 0143, 0157, 0155, 0145, 0137,'
2
3 oct_list = oct_str.replace("[", "").replace("]", "").replace(", ", "").split(' ')
4 for flag in oct_list:
5     print(chr(int(flag,8)),end="")
```

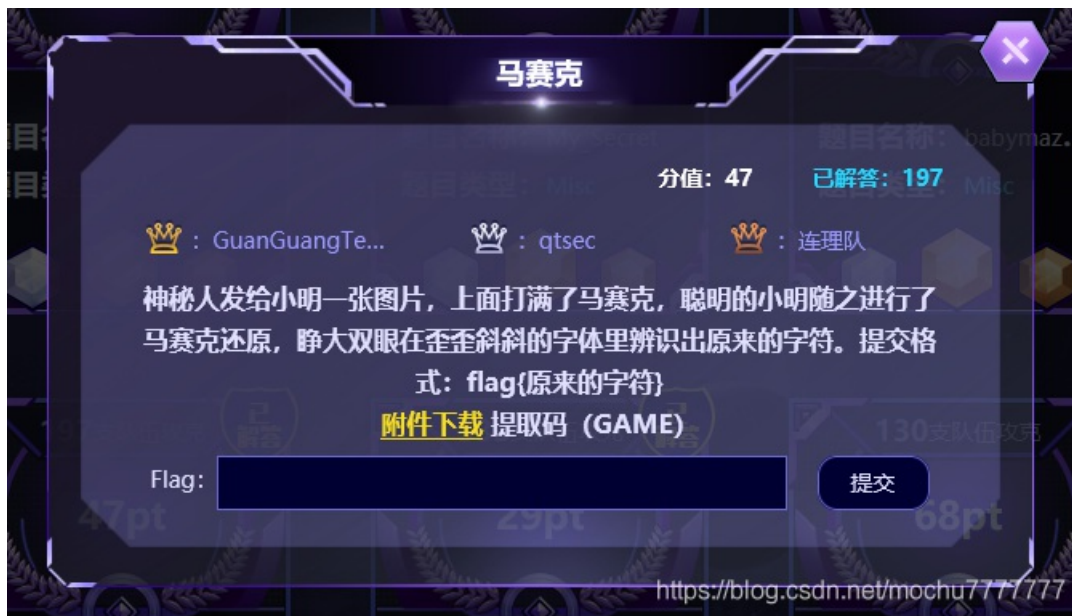
PROBLEMS 3 OUTPUT TERMINAL DEBUG CONSOLE

```
[Running] D:/Python/Python3/python.exe "c:\Users\Administrator\Desktop\code.py"
flag{w3lcome_to_2ong_h3ng_be1}
[Done] exited with code=0 in 0.069 seconds
```

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```
flag{w3lcome_to_2ong_h3ng_be1}
```

马赛克



马赛克

分值: 47 已解答: 197

👑 : GuanGuangTe... 👑 : qtsec 👑 : 连理队

神秘人发给小明一张图片，上面打满了马赛克，聪明的小明随之进行了
马赛克还原，睁大双眼在歪歪斜斜的字体里辨识出原来的字符。提交格
式: flag{原来的字符}

[附件下载](#) 提取码 (GAME)

Flag:

<https://blog.csdn.net/mochu777777>

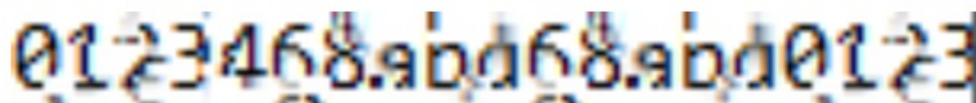
mosaic.png



Depix: <https://github.com/beurtschipper/Depix>

```
PS D:\Tools\Misc\Depix> python .\depix.py -p .\mosaic.png -s .\images\searchimages\debruinseq_notepad_Windows10_
closeAndSpaced.png -o flag.png
INFO:root:Loading pixelated image from .\mosaic.png
INFO:root:Loading search image from .\images\searchimages\debruinseq_notepad_Windows10_closeAndSpaced.png
INFO:root:Finding color rectangles from pixelated space
INFO:root:Found 93 same color rectangles
INFO:root:91 rectangles left after moot filter
INFO:root:Found 2 different rectangle sizes
INFO:root:Finding matches in search image
INFO:root:Removing blocks with no matches
INFO:root:Splitting single matches and multiple matches
INFO:root:[16 straight matches | 72 multiple matches]
INFO:root:Trying geometrical matches on single-match squares
INFO:root:[24 straight matches | 64 multiple matches]
INFO:root:Trying another pass on geometrical matches
INFO:root:[24 straight matches | 64 multiple matches]
INFO:root:Writing single match results to output
INFO:root:Writing average results for multiple matches to output
INFO:root:Saving output image to: flag.png
PS D:\Tools\Misc\Depix>
```

flag.png



<https://blog.csdn.net/mochu7777777>

```
flag{0123468abd68abd0123}
```

My_Secret

My_Secret

313pt 分值: 313 未解答 0pt

👑 : 天璇Merak 👑 : 恒星实验室 👑 : 摸鱼且替补队

LSB have a deep secret
PASS1 is 123456
附件下载 (提取码: GAME)

Flag:

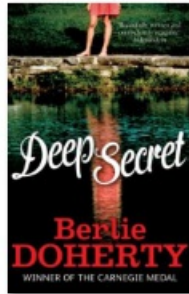
提交

题目名称: baby maz
题目类型: Misc

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01 blood and wine.wav



secret.jpg



stego.png

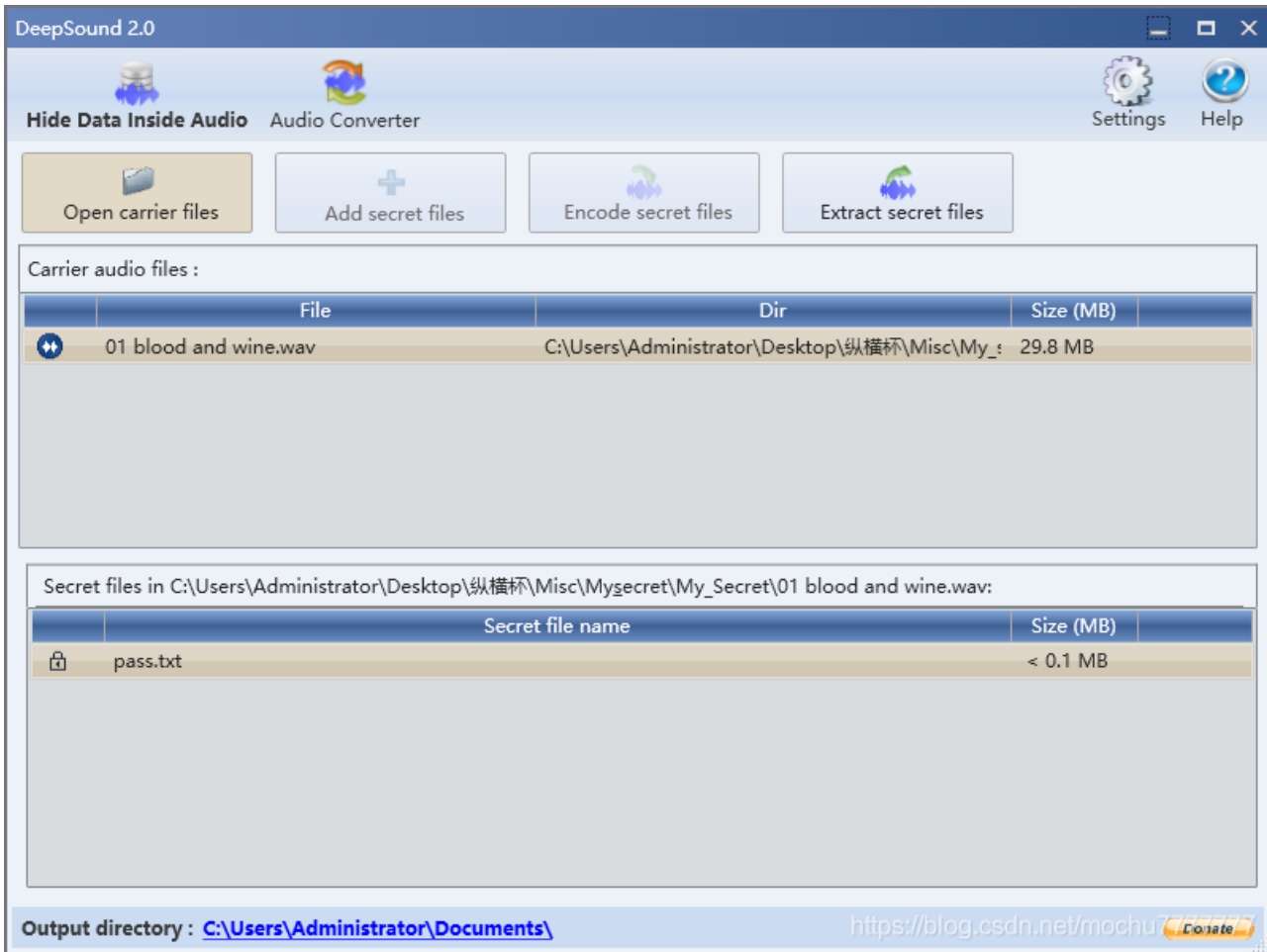
<https://blog.csdn.net/mochu777777>

根据题目提示给两张图片尝试了 LSB 隐写, 发现 `stego.png` 有隐写数据

```
PS D:\Tools\Misc\cloacked-pixel> python2 .\lsb.py extract .\stego.png out 123456
[+] Image size: 262x290 pixels.
[+] Written extracted data to out.
PS D:\Tools\Misc\cloacked-pixel> cat .\out
38d668578a3686ab
PS D:\Tools\Misc\cloacked-pixel>
```

38d668578a3686ab

01 blood and wine.wav 使用 DeepSound 打开, 密码: 38d668578a3686ab



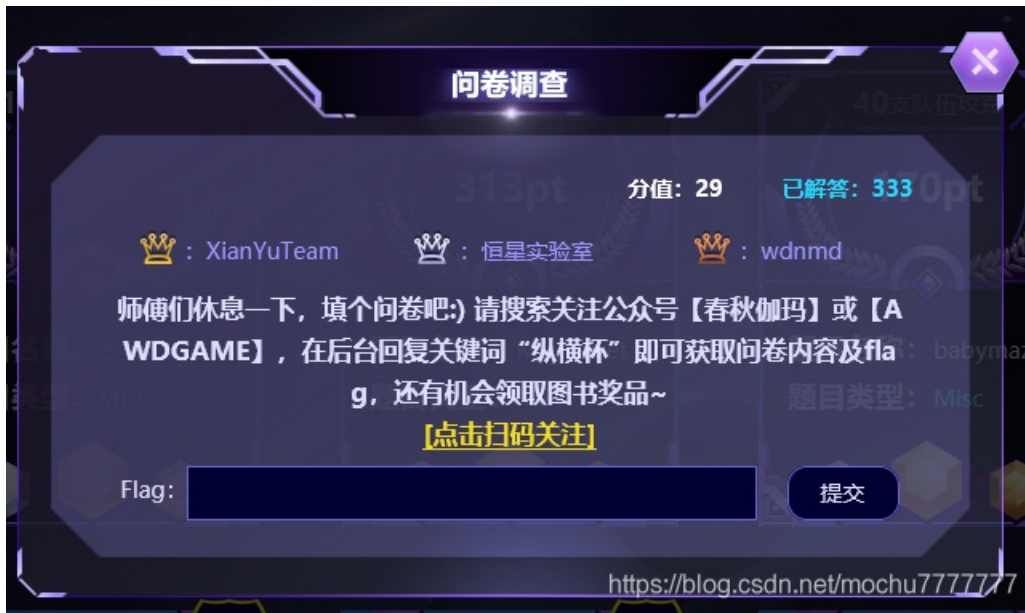
pass.txt 内容为: carrier

secret.jpg 使用 OurSecret 解密, 密码: carrier



flag{2707c7a6-0680-48e9-a0ba-e200a96186ae}

问卷调查



flag{thanks_for_playing_our_games}