

# 攻防世界 MISC 新手练习区 writeup 001-006

原创

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## 攻防世界 MISC 新手练习区 题目解答

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### 001 this\_is\_flag



难度系数:

题目来源: 暂无

题目描述: Most flags are in the form flag{xxx}, for example:flag{th1s\_!s\_a\_d4m0\_4!a9}

**0x01 题目描述即为flag**

**0x02 得到flag: `flag{th1s_!s_a_d4m0_4!a9}`**

## 002 pdf



难度系数: 3.0

题目来源: csaw

题目描述: 菜猫给了菜狗一张图, 说图下面什么都没有

**0x01 下载并打开附件, 是一个pdf格式文件**



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题目描述说图下面什么都没有，那就看看图下面到底有没有猫腻

0x02 拖动上层图片，检查图片覆盖的部分

flag{security\_through\_obscurity}



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0x03 得到flag: **flag{security\_through\_obscurity}**

## 003 如来十三掌



难度系数：3.0

题目来源：暂无

题目描述：菜狗为了打败菜猫，学了一套如来十三掌。

### 0x01 下载并打开附件

夜哆悉諳多苦奢陀奢諦冥神哆盧穆幡三侄三即諸諳即冥迦冥隸數顛耶迦奢若吉怯陀  
諳怖奢智侄諸若奢數菩奢集遠俱老竟寫明奢若梵等盧幡豆蒙密離怯婆幡礙他哆提哆  
多鉢以南哆心曰姪罰蒙呐神。舍切真怯勝呐得俱沙罰娑是怯遠得呐數罰輸哆遠薩得  
槃漫夢盧幡亦醢呐娑幡瑟輸諳尼摩罰薩冥大倒參夢侄阿心罰等奢大度地冥殿幡沙蘇  
輸奢恐豆侄得罰提哆伽諳沙楞鉢三死怯摩大蘇者數一遮

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熟悉密码的同学可以看出来，这是一种叫做与佛论禅的编码

### 0x02 进行“与佛论禅”解码

打开网页与佛论禅

解码时要注意在开头加上 **佛曰：** 这是标准格式，任何字符串经过与佛论禅加密后都会在开头带上 **佛曰：** 两个字

Encode:

```
佛曰：夜哆悉諳多苦奢陀奢諦冥神哆盧穆幡三侄三即諸諳即冥迦冥隸數顛耶迦奢若吉怯陀諳怖奢智侄諸若奢數菩奢集遠俱老竟寫明奢若梵等盧幡豆蒙密離怯婆幡礙他哆提哆多鉢以南哆心曰姪罰蒙呐神。舍切真怯勝呐得俱沙罰娑是怯遠得呐數罰輸哆遠薩得槃漫夢盧幡亦醢呐娑幡瑟輸諳尼摩罰薩冥大倒參夢侄阿心罰等奢大度地冥殿幡沙蘇輸奢恐豆侄得罰提哆伽諳沙楞鉢三死怯摩大蘇者數一遮
```

Decode:

```
MzkuM3gvMUAwnzuvn3cgozM1MTuvqzAenJchMUAeqzWenzEmLJW9
```

# 与佛论禅

MzkuM3gvMUAwnzuvn3cgozM1MTuvqzAenJchMUAeqzWenzEmLJW9

听佛说宇宙的真谛

参悟佛所言的真意

普度众生

命由己造，相由心生

佛曰：夜哆悉諳多苦奢陀奢諦冥神哆盧穆幡三侄三即諸諳即冥迦冥隸數顛耶迦奢若吉怯陀諳怖奢智侄諸  
若奢數菩奢集遠俱老竟寫明奢若梵等盧幡豆蒙密離怯婆幡礙他哆提哆多赫以南哆心曰姪罰蒙訥神。舍切  
真怯勝訥得俱沙罰娑是怯遠得訥數罰輸哆遠薩得槃漫夢盧幡亦臨訥娑幡瑟輸諳尼摩罰薩冥大倒參夢侄阿  
心罰等奢大度地冥殿幡沙蘇輸奢恐豆侄得罰提哆伽諳沙楞赫三死怯摩大蘇者數一遮

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## 0x03 进行rot-13解码

上一步与佛论禅解码得到的结果非常像base64加密后的内容，但是尝试base64解码却失败了。

结合题目“如来十三掌”，我们联想到ROT-13这种加密方式，这是一种凯撒密码的变体。

rot13

ZmxhZ3tiZHNjamhia3ptbmZyZGhidmNraWpuZHNrdmJramRzYWJ9

Rot13 编码 Rot13 解码 拷贝 剪切 粘贴 清除

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Encode:

MzkuM3gvMUAwnzuvn3cgozM1MTuvqzAenJchMUAeqzWenzEmLJW9

Decode:

```
ZmxhZ3tiZHNjamhia3ptbmZyZGhidmNraWpuZHNrdmJramRzYWJ9
```

## 0x04 进行base64解码

Encode:

```
ZmxhZ3tiZHNjamhia3ptbmZyZGhidmNraWpuZHNrdmJramRzYWJ9
```

Decode:

```
flag{bdscjhbkmnfrdhvckijndskvbkjdsab}
```

DES,AES等对称加密解密 MD5加密/解密 URL加密 JS加/解密 JS混淆加密压缩 ESCAPE加/解密 **BASE64** 散列/哈希 迅雷, 快车, 旋风URL加解密

flag{bdscjhbkmnfrdhvckijndskvbkjdsab} ZmxhZ3tiZHNjamhia3ptbmZyZGhidmNraWpuZHNrdmJramRzYWJ9

多行 [Base64编码](#) [Base64解码](#) [清空结果](#)  
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0x05 得到flag: **flag{bdscjhbkmnfrdhvckijndskvbkjdsab}**

## 004 give\_you\_flag

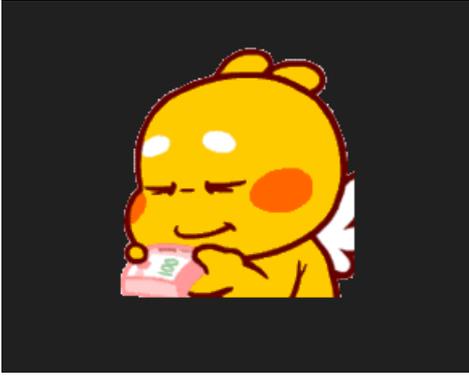


难度系数: 4.0

题目来源: 暂无

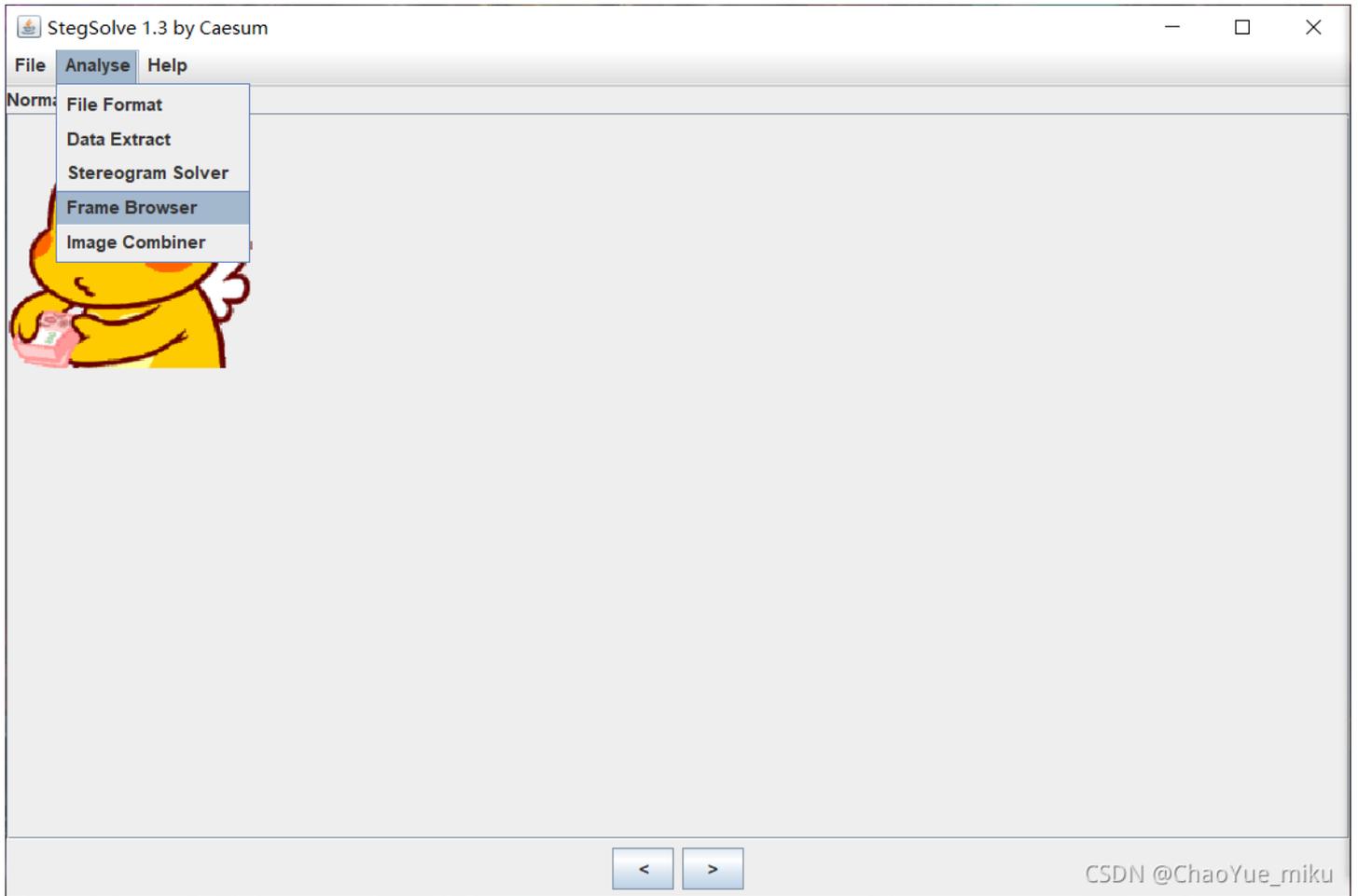
题目描述: 菜狗找到了文件中的彩蛋很开心, 给菜猫发了个表情包

0x01 下载附件, 打开后发现是一张GIF图片



可以看到gif动图结尾处闪过一张二维码

**0x02 使用 Stegsolve 中的 Frame Browser 逐帧提取 gif**



该gif图片共有53帧，在第50帧发现了二维码，但是该二维码缺失了三个定位符，所以需要我们手动补充上去。

### 0x03 使用PS手动补全二维码



最终结果：



0x03 使用CQR扫描二维码



0x04 得到flag: **flag{e7d478cf6b915f50ab1277f78502a2c5}**

## 005 stegano



难度系数：4.0

题目来源：CONFidence-DS-CTF-Teaser

题目描述：菜狗收到了图后很开心，玩起了pdf提交格式为flag{xxx}，解密字符需小写

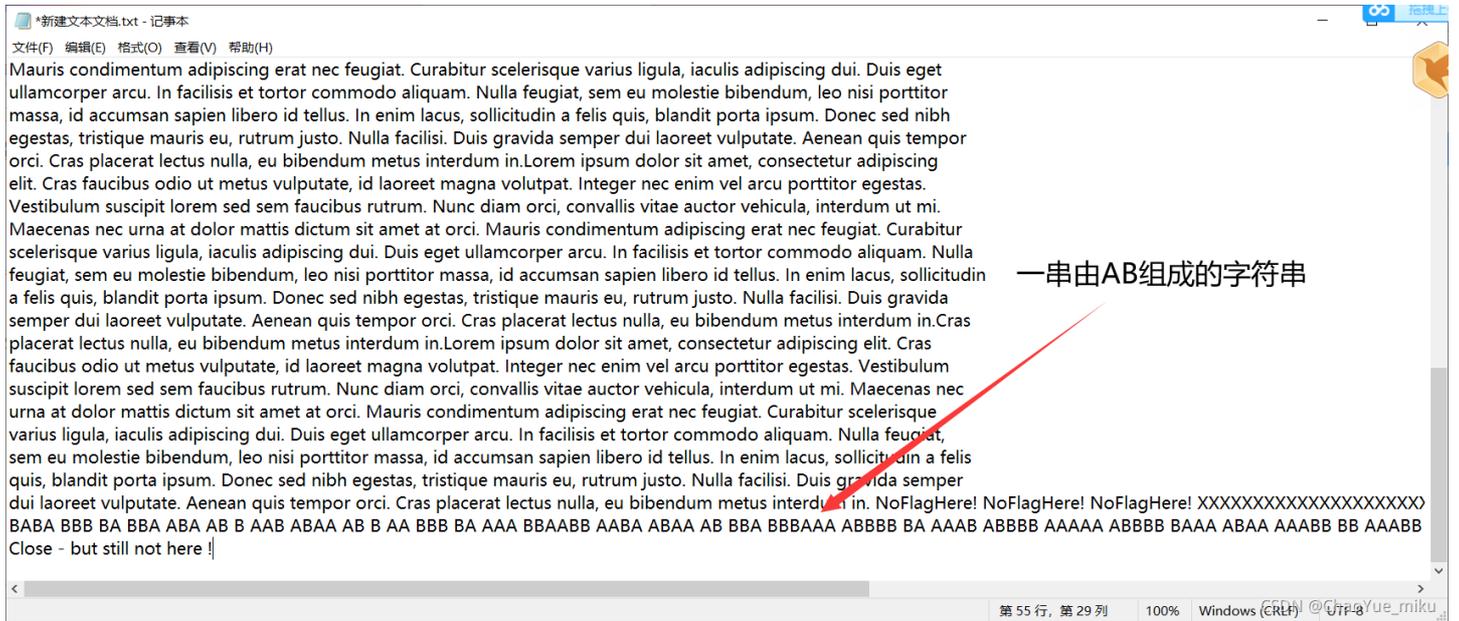
## 0x01 下载附件,打开后发现是一个pdf文件

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras faucibus odio ut metus vulputate, id laoreet magna volutpat. Integer nec enim vel arcu porttitor egestas. Vestibulum suscipit lorem sed sem faucibus rutrum. Nunc diam orci, convallis vitae auctor vehicula, interdum ut mi. Maecenas nec urna at dolor mattis dictum sit amet at orci. Mauris condimentum adipiscing erat nec feugiat. Curabitur scelerisque varius ligula, iaculis adipiscing dui. Duis eget ullamcorper arcu. In facilisis et tortor commodo aliquam. Nulla feugiat, sem eu molestie bibendum, leo nisi porttitor massa, id accumsan sapien libero id tellus. In enim lacus, sollicitudin a felis quis, blandit porta ipsum. Donec sed nibh egestas, tristique mauris eu, rutrum justo. Nulla facilisi. Duis gravida semper dui laoreet vulputate. Aenean quis tempor orci. Cras placerat lectus nulla, eu bibendum metus interdum in.Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras faucibus odio ut metus vulputate, id laoreet magna volutpat. Integer nec enim vel arcu porttitor egestas. Vestibulum suscipit lorem sed sem faucibus rutrum. Nunc diam orci, convallis vitae auctor vehicula, interdum ut mi. Maecenas nec urna at dolor mattis dictum sit amet at orci. Mauris condimentum adipiscing erat nec feugiat. Curabitur scelerisque varius ligula, iaculis adipiscing dui. Duis eget ullamcorper arcu. In facilisis et tortor commodo aliquam. Nulla feugiat, sem eu molestie bibendum, leo nisi porttitor massa, id accumsan sapien libero id tellus. In enim lacus, sollicitudin a felis quis, blandit porta ipsum. Donec sed nibh egestas, tristique mauris eu, rutrum justo. Nulla facilisi. Duis gravida semper dui laoreet vulputate. Aenean quis tempor orci. Cras placerat lectus nulla, eu bibendum metus interdum in.Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras faucibus odio ut metus vulputate, id laoreet magna volutpat. Integer nec enim vel arcu porttitor egestas. Vestibulum suscipit lorem sed sem faucibus rutrum. Nunc diam orci, convallis vitae auctor vehicula, interdum ut mi. Maecenas nec urna at dolor mattis dictum sit amet at orci. Mauris condimentum adipiscing erat nec feugiat. Curabitur scelerisque varius ligula, iaculis adipiscing dui. Duis eget ullamcorper arcu. In facilisis et tortor commodo aliquam. Nulla feugiat, sem eu molestie bibendum, leo nisi porttitor massa, id accumsan sapien libero id tellus. In enim lacus, sollicitudin a felis quis, blandit porta ipsum. Donec sed nibh egestas, tristique mauris eu, rutrum justo. Nulla facilisi. Duis gravida semper dui laoreet vulputate. Aenean quis tempor orci. Cras placerat lectus nulla, eu bibendum metus interdum in.Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras faucibus odio ut metus vulputate, id laoreet magna volutpat. Integer nec enim vel arcu porttitor egestas. Vestibulum suscipit lorem sed sem faucibus rutrum. Nunc diam orci, convallis vitae auctor vehicula, interdum ut mi. Maecenas nec urna at dolor mattis dictum sit amet at orci. Mauris condimentum adipiscing erat nec feugiat. Curabitur scelerisque varius ligula, iaculis adipiscing dui. Duis eget ullamcorper arcu. In facilisis et tortor commodo aliquam. Nulla feugiat, sem eu molestie bibendum, leo nisi porttitor massa, id accumsan sapien libero id tellus. In enim lacus, sollicitudin a felis quis, blandit porta ipsum. Donec sed nibh egestas, tristique mauris eu, rutrum justo. Nulla facilisi. Duis gravida semper dui laoreet vulputate. Aenean quis tempor orci. Cras placerat lectus nulla, eu bibendum metus interdum in.Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras faucibus odio ut metus vulputate, id laoreet magna volutpat. Integer nec enim vel arcu porttitor egestas. Vestibulum suscipit lorem sed sem faucibus rutrum. Nunc diam orci, convallis vitae auctor vehicula, interdum ut mi. Maecenas nec urna at dolor mattis dictum sit amet at orci. Mauris condimentum adipiscing erat nec feugiat. Curabitur scelerisque varius ligula, iaculis adipiscing dui. Duis eget ullamcorper arcu. In facilisis et tortor commodo aliquam. Nulla feugiat, sem eu molestie bibendum, leo nisi porttitor massa, id accumsan sapien libero id tellus. In enim lacus, sollicitudin a felis quis, blandit porta ipsum. Donec sed nibh egestas, tristique mauris eu, rutrum justo. Nulla facilisi. Duis gravida semper dui laoreet vulputate. Aenean quis tempor orci. Cras placerat lectus nulla, eu bibendum metus interdum in.

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暂时看不出来有关flag的信息

## 0x02 Ctrl+A全选pdf文件内容，粘贴到文本文档中查看



疑似为培根密码，但是却没有进行分组。

由于AB对应两种字符，所以也有可能是摩斯电码。

## 0x03 将AB字符串转换为摩斯密码

```
s = "BABA BBB BA BBA ABA AB B AAB ABAA AB B AA BBB BA AAA BBAABB AABA ABAA AB BBA BBBAAA ABBBB BA AAAB ABBBB AAA  
AA ABBBB BAAA ABAA AAABB BB AAABB AAAAA AAAAA AAAAB BBA AAABB"  
  
s = s.replace(" ", "/")  
s = s.replace("A", ".")  
s = s.replace("B", "-")  
  
print(s)
```



```
pythonProject17 - test.py
pythonProject17 test.py
1 s = "BABA BBB BA BBA ABA AB B AAB ABAA AB B AA BBB BA AAA BBAABB AABA ABAA AB BBA BBBAAA ABBBB BA AAAB ABBBB AAAAA ABBBB 18
2
3 s = s.replace(" ", "/")
4 s = s.replace("A", ".")
5 s = s.replace("B", "-")
6
7 # print(s)
8
9 string = "1NV151Bl3M3554G3"
10
11 flag = string.lower()
12
13 print(flag)
14
```

运行: test x

```
D:\python3.9\python.exe C:/Users/chaoyue/pythonProject17/test.py
1nv151bl3m3554g3
进程已结束，退出代码为 0
```

0x06 得到flag: **flag{1nv151bl3m3554g3}**

## 006 坚持60s



难度系数: 4.0

题目来源: 08067CTF

题目描述: 菜狗发现最近菜猫不爱理他, 反而迷上了菜鸡

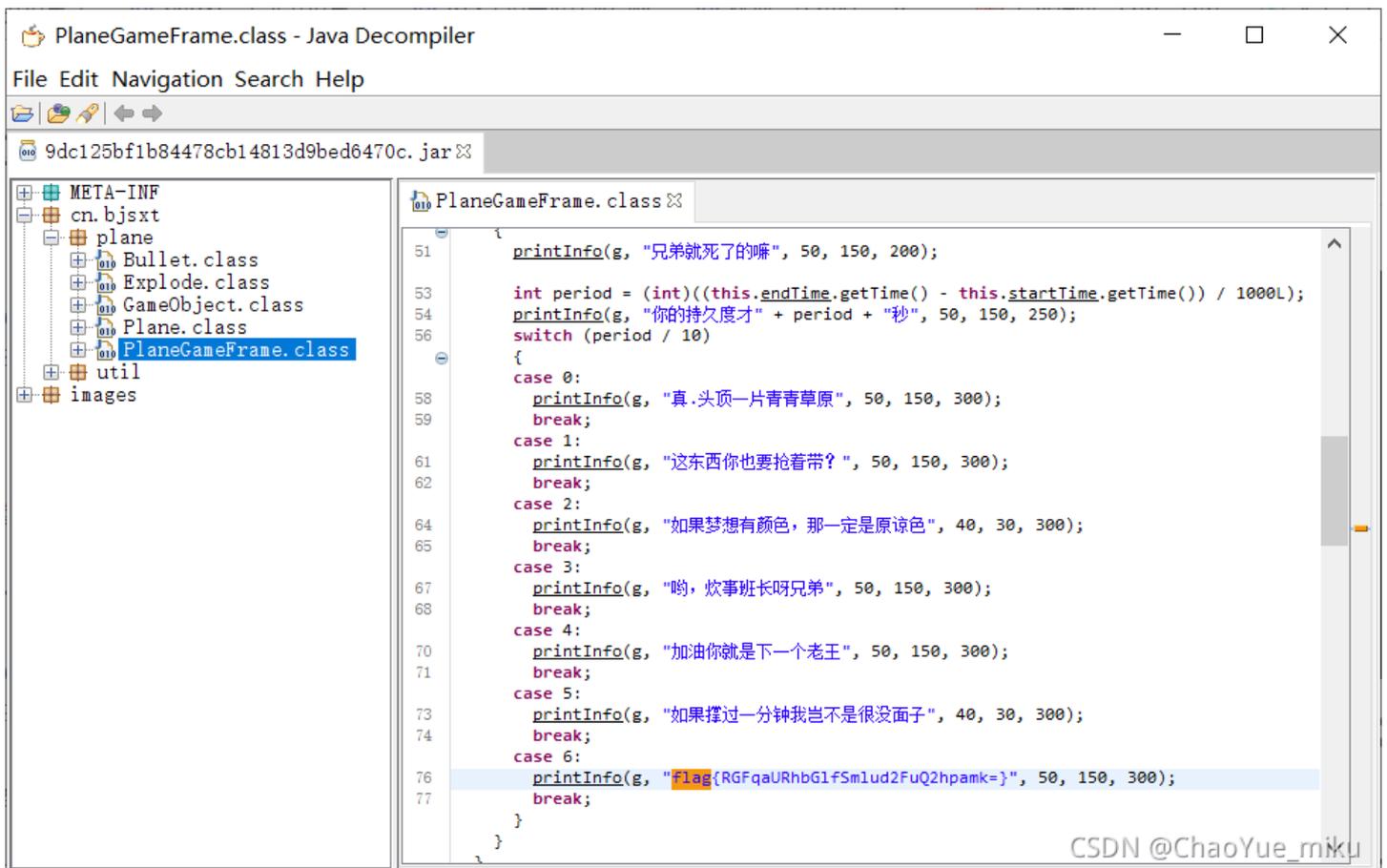
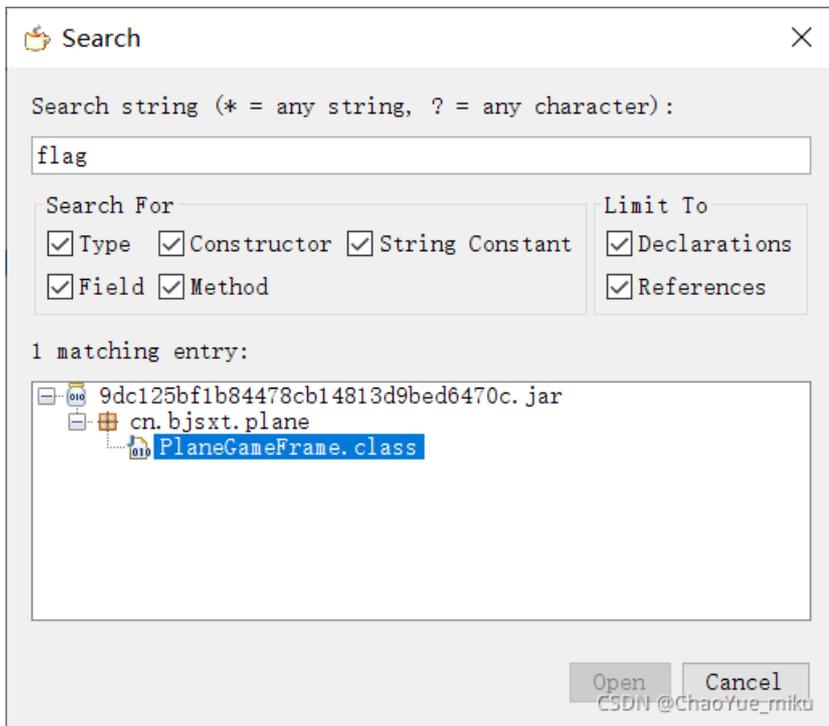
0x01 下载附件,是一个jar文件,打开后发现是一个小游戏



当然可以完成游戏任务得到flag，接下来讲解常规做法

## 0x02 使用Java反编译软件jd-gui（需要jdk1.7）打开jar文件

按Ctrl+Shift+S进入搜索界面，查找带有flag的字符串



flag{RGFqaURhbGlfSmlud2FuQ2hpamk=}

flag显然经过了base64加密,所以需要一次解码

0x03 对flag进行base64解密

# Base64编码转换

RGFqaURhbGlfSm1ud2FuQ2hpamk=

解密为UTF-8字节流

DajiDali\_JinwanChiji

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0x04 得到flag: **flag{DajiDali\_JinwanChiji}**