

secret_in_the_center 攻防世界

 8分

题目描述

题目给了一个二进制文件

解题

使用file命令查看下载的文件

Python

```
1 secret_in_the_center: Zip archive data, made by v6.3, extract using at least
v2.0, last modified Thu Apr 7 05:48:27 2011, uncompressed size 281,
method=deflate
```

将后缀名改为zip后发现文件无法打开，对比正常的zip文件，修复zip头

Python

```
1 504B1314 -> 504B0304
```

解压内容如下

Apache

```
1 1284127282371497062677311074762266138188682452,106103416222002117892894758060534
0250986215805
2 3340934738305796487992773649714719725826419120,352127281504002680668178237613020
3385829188680
3 2227289825537197658661849099809813150550946084,220079550940001675417611398508137
7116143242930
```

内容为三个坐标，根据题目名称secret_in_the_center，求该三角形的中心

X1 = 1284127282371497062677311074762266138188682452

X2 = 3340934738305796487992773649714719725826419120

X3 = 2227289825537197658661849099809813150550946084

Y1 = 1061034162220021178928947580605340250986215805

Y2 = 3521272815040026806681782376130203385829188680

Y3 = 2200795509400016754176113985081377116143242930

x = 2284117282071497069777311274762266338188682552

y = 2261034162220021579928947980605640250986215805

x = 0x666c61677b6365663434623436663136616538

y = 0x6563663636346466343236366666646266397d

Python

```
1 >>> '0x666c61677b6365663434623436663136616538'[2:].decode('hex')
2 'flag{cef44b46f16ae8'
3 >>> '0x6563663636346466343236366666646266397d'[2:].decode('hex')
4 'ecf664df4266ffdbf9}'
```

最后可得: `flag{cef44b46f16ae8ecf664df4266ffdbf9}`