

# 黄金六年 攻防世界

 3分

## 题目描述

题目给了一个 `mp4` 视频文件

## 解题

`010 Editor` 查看

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
C4:BC10h:	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....															
C4:BC20h:	00	00	00	00	00	00	00	00	01	F5	55	6D	46	79	49	52	.....	6	U	m	F	y	I	R								
C4:BC30h:	6F	48	41	51	41	7A	6B	72	58	6C	43	67	45	46	42	67	o	H	A	Q	A	z	k	r	X	1	C	g	E	F	B	g
C4:BC40h:	41	46	41	51	47	41	67	41	44	68	37	65	6B	35	56	51	A	F	A	Q	G	A	g	A	D	h	7	e	k	5	V	Q
C4:BC50h:	49	44	50	4C	41	41	42	4B	45	41	49	45	76	73	55	70	I	D	P	L	A	A	B	K	E	A	I	E	v	s	U	p
C4:BC60h:	47	41	41	77	41	49	5A	6D	78	68	5A	79	35	30	65	48	G	A	A	w	A	I	Z	m	x	h	Z	y	5	0	e	H
C4:BC70h:	51	77	41	51	41	44	0A	44	78	34	33	48	79	4F	64	4C	Q	w	A	Q	A	D	.	D	x	4	3	H	y	0	d	L
C4:BC80h:	4D	47	57	66	43	45	39	57	45	73	42	5A	70	72	41	4A	M	G	W	f	C	E	9	W	E	s	B	Z	p	r	A	J
C4:BC90h:	51	6F	42	53	56	6C	57	6B	4A	4E	53	39	54	50	35	64	Q	o	B	S	V	1	w	k	J	N	S	9	T	P	5	d
C4:BCA0h:	75	32	6B	79	4A	32	37	35	4A	7A	73	4E	6F	32	39	42	u	2	k	y	J	2	7	5	J	z	s	N	o	2	9	B
C4:BCB0h:	6E	53	5A	43	67	4D	43	33	68	2B	55	46	56	39	70	31	n	S	Z	C	g	M	C	3	h	+	U	F	V	9	p	1
C4:BCC0h:	51	45	66	0A	4A	6B	42	50	50	52	36	4D	72	59	77	58	Q	E	f	.	J	k	B	P	P	R	6	M	r	Y	w	X
C4:BCD0h:	6D	73	4D	43	4D	7A	36	37	44	4E	2F	6B	35	75	31	4E	m	s	M	C	m	z	6	7	D	N	/	k	5	u	1	N
C4:BCE0h:	59	77	39	67	61	35	33	61	38	33	2F	42	2F	74	32	47	Y	w	9	g	a	5	3	a	8	3	/	B	/	t	2	G
C4:BCF0h:	39	46	6B	47	2F	49	49	54	75	52	2B	39	67	49	76	72	9	F	k	G	/	I	I	T	u	R	+	9	g	I	v	r
C4:BD00h:	2F	4C	45	64	64	31	5A	52	41	77	55	45	41	41	3D	3D	/	L	E	d	1	Z	R	A	w	J	E	A	A	=	=	
C4:BD10h:	0A																															

文件末尾有一个base64编码字符串，解码发现是一个 `rar` 文件

Recipe

From Base64

Alphabet  
A-Za-z0-9+/=

☒ Remove non-alphabet chars

Input

start: 228  
end: 228  
length: 0

length: 228  
lines: 1

UmFyIRoHAQAzkrXlCgEFBgAFAQGAgADh7ek5VQIDPLAABKEAIEvsUpGAAwAIZmxhZy50eHQwAQADDx43HyOdLMGWfCE9WEsBZprAJQoBSVlWkJNS9TP5du2kyJ275JzsNo29BnSZCgMC3h+UFV9p1QEfJkBPpR6MrYwXmsMCMz67DN/k5u1NYw9ga53a83/B/t2G9FkG/IITuR+9gIvr/LEdd1ZRAwUEAA==

Output

start: 171  
end: 171  
length: 0

time: 1ms  
length: 169  
lines: 4

Rar!....3.µå  
.....áíé9U..<°.j. KìR.....flag.txt0....7.#.,Á.|!=XK.f.À%  
.IYV..Rõ3ùvínÈ.»ä.i6.%.t.  
..P...\_iÖ..&@0=.....Ã.3>>>.BäæíMc.`k.Úó.ÁpÝ.ôY.ü...².%.ëü±.wVQ....

编写脚本将解码后的数据写入文件 `out.rar`

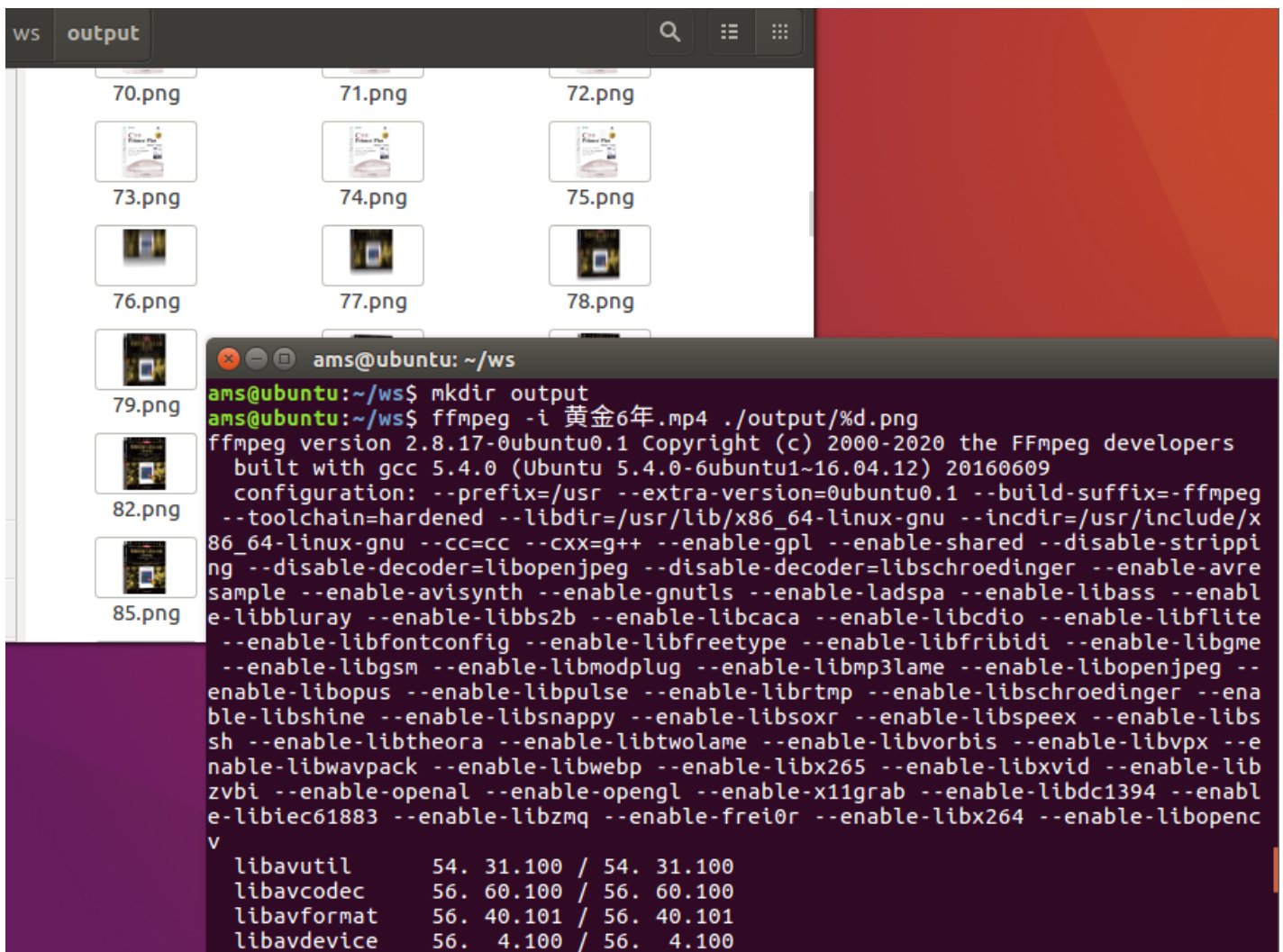
Python

```
1 import base64
2 src="UmFyIRoHAQAzkrXlCgEFBgAFAQGAgADh7ek5VQIDPLAABKEAIEvsUpGAAwAIZmxhZy50eHQwAQADDx43HyOdLMGWfCE9WEsBZprAJQoBSVlWkJNS9TP5du2kyJ275JzsNo29BnSZCgMC3h+UFV9p1QEfJkBPpR6MrYwXmsMCMz67DN/k5u1NYw9ga53a83/B/t2G9FkG/IITuR+9gIvr/LEdd1ZRAwUEAA=="
3 dest=base64.b64decode(src)
4 fi=open("out.rar","wb")
5 fi.write(dest)
6 fi.close()
```

解压需要密码，尝试在视频里寻找密码

使用 [Convert to image online - Convert PNG to JPG and more](#) 提取视频所有帧。或者使用 `ffmpeg`

安装方法：  
`apt install ffmpeg`



从提取的图片中可以找到二维码，扫码后得到 `i want play ctf`

解压 `rar` 即可得到flag