

ARK

0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	ANSI	ASCII
50	4B	05	06	14	00	00	00	08	00	B7	62	4B	52	A2	DB	PK	·bKRĈŮ
61	82	74	28	00	00	18	BE	05	00	0D	00	00	00	64	65	a,t(¾ de	
66	61	75	6C	74	5F	65	6E	74	72	79	C4	9D	4D	AB	D3	fault_entryÄ M«Ó	
40	14	40	FF	4B	DC	46	9D	B9	77	32	1F	EE	54	5C	88	@ @ÿKŮF 1w2 îT\^	
82	22	E2	42	11	09	36	6A	34	4D	B5	49	9F	8A	F8	DF	,"âB 6j4MpiYŠøß	
9D	E6	D6	2F	74	7F	C0	45	5F	BF	CE	6B	6D	A6	37	E7	æÖ/t ÄE_¿ikm!7ç	
30	BC	6F	CD	EB	7E	FF	B1	1F	DF	CE	8F	E6	E9	EB	B3	0¼oîë~ÿ± ßî æée³	
E1	B8	8C	87	B9	B9	E5	DB	66	1D	F7	C3	B2	D6	1B	9B	á Œ±¹âŮf ÷Ã·Ö >	

发现文件头是 50 4B 05 06，修改为 50 4B 03 04，后解压得到 json 文件。

```
{
  "campaignOnlyVersion":1,
  "timestamp":"1612849000",
  "journal":{"metadata":{
    "standardPlayTime":272.999725,
    "gameResult":1,
    "saveTime":"2021-02-09T13:36:36.552186Z",
    "remainingCost":99,
    "remainingLifePoint":3,
    "killedEnemiesCnt":57,
    "missedEnemiesCnt":0,
    "levelId":"Activities/act1645/level_act1645_10",
    "stageId":"act1645_10",
    "validKilledEnemiesCnt":57,
    "squad":[]
  },
  "charInstId":8,
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  "tmpId":null,
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  "skillLvl":1,
  "level":1,
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                                                                      "signature":{

```

发现 pos 。使用正则表达式过滤后得到坐标，使用 EasyX 画图绘制图形。

```
#include <stdio.h>
#include <graphics.h>
#include <time.h>

int main()
{
    int x, y, i;
    int a[10000] = {12,12,12,13,12,14,12,15,12,16,12,17,1
    initgraph(256, 256);
    setbkcolor(WHITE);
    cleardevice();
    for(int i=0; i<=10000; i+=2)
    {
        x = a[i];
        y = a[i + 1];
        putpixel(x, y, RED);
    }
    while (1);
    return 0;
}
```

由于直接使用 scanf 会卡死，故而直接写死，运行得到二维码。



扫描二维码，得到最终 flag。

