

# Jarvis OJ writeup Basic

原创

quedgee



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订阅专栏

## 德军的密码

先把密钥转成二进制, 96位, 然后密文是84位, 相差12位。因为每8位二进制是一个ascii码字符, 所以猜测是密文的每组都少了一位

把密文按7位分组, 每组前加一个0, 最后把处理之后的密文跟密钥异或, 就出来了

payload

```

a = '0000000000000000000000000000000000000000000000000000000000000000000000000000101110000011000010000000101000000001'
b = '010101110100010101001100010000110100111101001101010001010101010001001111010000110100011001000110'
c = ''
for i in range(len(a)):
    c += str(ord(a[i]) ^ ord(b[i]))
print(c)

```

异或的结果:

010101110100010101001100010000110100111101001101010001010100001101001001010100110101001001000111

再把二进制数转换成ASCII的字符串即可

```

>>> int('0101011101000101010011000100001101001111010011010100010101000011010010010101001101010010010001'
27008971877509281081185227335L
>>> hex(27008971877509281081185227335)
'0x57454c434f4d454349535247L'
>>> import binascii
>>> binascii.unhexlify("57454c434f4d454349535247")
'WELCOMEISRG'

```