

# i春秋第二届春秋欢乐赛 classical writeup

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订阅专栏

## i春秋第二届春秋欢乐赛 classical writeup

### 第一步: 题目给出的提示

根据题目我们可以了解这道题应该是一个古典密码的题目, 但是古典密码太多了我们如何知道是什么?

看题目给出的附件是一个很长的乱序字符串, 我们可以想到用词频分析一下:

```
In cryptography, a classical cipher is a type of cipher that was used historically but now has fallen, for the most part, into disuse. In contrast to modern cryptographic algorithms, most classical ciphers can be practically computed and solved by hand. However, LyjtL3fvnSRlo2xvKlJrK2ximSHkJ3ZhJ2Hto3x9 they are also usually very simple to break with modern technology. The term includes the simple systems used since Greek and Roman times, the elaborate Renaissance ciphers, World War II cryptography such as the Enigma machine and beyond. A quick brown fox jump over the lazy dog.
```

发现里面有一段不一样的信息: **LyjtL3fvnSRlo2xvKlJrK2ximSHkJ3ZhJ2Hto3x9**

像是base64解码能够做出来, 但是发现并不行, 那么我们又想到了凯撒密码。

### 第二步: 凯撒密码

LyjtL3fvnSRlo2xvKIjrk2ximSHk3Zzh2Hto3x9  
KxisK3eumRQkn2wuJHiqJ2whlRGjI3YgI2Gsn3w9  
JwhrJ3dtlQPjm2vtIGhpI2vgkQFiH3XfH2Frm3v9  
IvgqI3cskP0i12usHFgoH2ufjPEhG3WeG2Eq13u9  
HufpH3brj0Nhk2trGEfnG2tei0DgF3VdF2Dpk3t9  
GteoG3aqiNMgj2sqFDemF2sdhNCFE3UCe2Coj3s9  
FsdnF3zphMLfi2rpECd1E2rcgMBeD3TbD2Bni3r9  
ErcmE3yogLKeh2qoDBckD2qbfLAdC3SaC2Amh3q9  
DqblD3xnfKJdg2pnCAbjC2paeKZcB3RzB2Z1g3p9  
CpakC3wmeJIcf2omBZaiB2ozdJYbA3QyA2Ykf3o9  
BozjB3v1dIHbe2n1AYzhA2nycIXaZ3PxZ2Xje3n9  
AnyiA3ukcHGad2mkZXYgZ2mxbHWzY30wY2Wid3m9  
ZmxhZ3tjbgFzc21jYWxfY21waGVyX3NvX2Vhc3l9  
YlwgY3siaFEyb2kiXVweX2kvzFUxW3MuW2Ugb3k9  
XkvfX3rhzEDxa2jhWUvdW2juyETwV3Ltv2Tfa3j9  
WjueW3qgyDCwz2igVTucV2itxDSvU3KsU2Sez3i9  
VidtV3pfxCBvy2hfUStbU2hswCRuT3JrT2Rdy3h9  
UhscU3oewBAux2geTRsaT2grvBQtS3IqS2Qcx3g9  
TgrbT3ndvAZtw2fdSQrzs2fquAPsR3Hpr2Pbw3f9  
SfqaS3mcyZysv2ecRPqyR2eptZOrQ3GoQ20av3e9  
RepzR3lbtYXru2dbQOpXQ2dosYNqP3FnP2Nzu3d9  
QdoyQ3kasXWqt2caPNowP2cnrXmpO3EmO2Myt3c9  
PcnxP3jzrWVps2bzOMnvO2bmqWLoN3D1N2Lxs3b9  
ObmwO3iyqVUor2ayNlmuN2a1pVKnM3CkM2Kwr3a9  
Na1vN3hxpUTnq2zxMK1tM2zkoUJmL3BjL2Jvq3z9  
MzkuM3gwoTSmp2ywlJksL2yjnTI1K3AiK2Iup3y9

### 第三步：base64转换

```
/(i/wi.$eflo(.e+lb.!a'va'aif|})+--+w°.$.l.$x^!l!..f#v #a-|='.k'wm..ä.kí hi#kà..b.uß.ak.{ý"ø*#w,.óφ.k-X(.k..ñ!.u..a*.{%.cé.vè.äa.kk.Gç.k^..àà.u].`é.  
{}.x".v^..ó .k*.7|.k..D..u..".{=.Çg.|é.Äß.jé.'e.jÜ.Ä^..tÜ.`g.zý..&|.".²..j".$.j.|°...t..`&.z%.|á.|g|φ|.jg..ä.jZx|\..ts.fe.z}  
.m.|&x...j&..φ.j3t...t2.f$.z=..ä.{ät.Ü{iä..ä.iðp.Ügsñgeä{yý.|φ.{mpq.wime| gi±lu³cs°ceφwy%flag{classical_cipher_so_easy}b\ c{"hQ2oi"}\.._i/ÏU1[s.[e  
oy=^KB_záî@ñkháYKÝ[hîÈDðWriWdßkxýZ;.[z Èø°ih U;.Wh.Ä4~Sr~Sd.Ïx%V+|Wz_Ä oÈh_Q+[ShlÀ$ñOrkOd]Èx}R..Sz.Ä..Çh.M..Oh+%. -Kñ*Kd.Çx=N  
ÜoyY%.mÄgYI  
óKgê..iGqéGcÜÄwýIú.Ky.².,;çg.Dú²Gg@μ.«Cq`Cc.¿w%EésGy[μ.è»g[èêqCgh±.j?qg?cs»w}Aú2Cy.±u^g.<Ú0?g'.s);q&;c2.w==Éñ?xó.ei³fó8Éi;fæøbè7pá7bñ³vy9¹°;  
x²@U(`f²4¹°7f¥¥R$3p#3b°~v%5øo7xq¥Dç«lñø0m3lâ;Bf/pc/bo«|ý39.3x0;4|§1°,.,/1É.2%+p"+b.§|%
```

```
/(i/wi.$eflo(.e+lb.!a'va'aif|})+--+w°.$.l.$x^!l!..f#v #a-|='.k'wm..ä.kí hi#kà..b.uß.ak.{ý"ø*#w,.óφ.k-X(.k..ñ!.u..a*.{%.cé.vè.äa.kk.Gç.k^..àà.u].`é.  
{}.x".v^..ó .k*.7|.k..D..u..".{=.Çg.|é.Äß.jé.'e.jÜ.Ä^..tÜ.`g.zý..&|.".²..j".$.j.|°...t..`&.z%.|á.|g|φ|.jg..ä.jZx|\..ts.fe.z}  
.m.|&x...j&..φ.j3t...t2.f$.z=..ä.{ät.Ü{iä..ä.iðp.Ügsñgeä{yý.|φ.{mpq.wime| gi±lu³cs°ceφwy%flag{classical_cipher_so_easy}b\ c{"hQ2oi"}\.._i/ÏU1[s.[e  
oy=^KB_záî@ñkháYKÝ[hîÈDðWriWdßkxýZ;.[z Èø°ih U;.Wh.Ä4~Sr~Sd.Ïx%V+|Wz_Ä oÈh_Q+[ShlÀ$ñOrkOd]Èx}R..Sz.Ä..Çh.M..Oh+%. -Kñ*Kd.Çx=N  
ÜoyY%.mÄgYI  
óKgê..iGqéGcÜÄwýIú.Ky.².,;çg.Dú²Gg@μ.«Cq`Cc.¿w%EésGy[μ.è»g[èêqCgh±.j?qg?cs»w}Aú2Cy.±u^g.<Ú0?g'.s);q&;c2.w==Éñ?xó.ei³fó8Éi;fæøbè7pá7bñ³vy9¹°;  
x²@U(`f²4¹°7f¥¥R$3p#3b°~v%5øo7xq¥Dç«lñø0m3lâ;Bf/pc/bo«|ý39.3x0;4|§1°,.,/1É.2%+p"+b.§|%
```

### 第四步：flag

>flag{classical\_cipher\_so\_easy}