

Description

A message has come in but it seems to be all scrambled. Luckily it seems to have the key at the beginning. Can you crack this substitution cipher? Download the message [here](#).

Hints

- Try a frequency attack. An online tool might help.

Solución

```
—(kali⊕kali)-[~/.../parciales/parcial_03/parte_02_crypto_02/substitution0]  
└─$ cat message.txt  
OHNFUMWSVZLXEGCPTAJDYIRKQB
```

Suaupcg Xuwaogf oacju, rvds o waoiu ogf jdoduxq ova, ogf hacywsd eu dsu
huudxu
mace o wxojj noju vg rsvns vd roj ugnxcjuf. Vd roj o huoydvmyx jnoahouyj,
ogf, od
dsod dveu, yglgcrq dc godyaoxvjdj—cm ncyaju o wauod pavbu vg o jnvugdvmvn
pcvgd
cm ivur. Dsuau ruau drc acygf hxonl jpcdj guoa cgu ukdauevdq cm dsu honl,
ogf o
xcgw cgu guoa dsu cdsua. Dsu jnoxuj ruau uknuufvgwxq soaf ogf wxcjqq, rvds
oxx dsu
oppuoaggnu cm hyagvjsuf wcxq. Dsu ruvwsd cm dsu vgjund roj iuaq aueoalohxu,
ogf,
dolvw oxx dsvgwj vgdc ncgjvfuaodvcg, V ncyxf soafxq hxoeu Zypvdua mca svj
cpvgvcg
aujpvndvgw vd.

Dsu mxow vj: pvncNDM{5YH5717Y710G_3I0XY710G_03055505}

Search for a tool

★ SEARCH A TOOL ON dCode BY KEYWORDS:
e.g. type 'random'

★ BROWSE THE FULL dCode TOOLS' LIST

Mono-alphabetic Substitution

Tool to decrypt monoalphabetical substitution and find each letter of a substituted message with a deranged alphabet (monoalphabetic cipher).

Mono-alphabetic Substitution - [dCode](#)

Tag(s) : Substitution Cipher

Share

dCode and more

dCode is free and its tools are a valuable help in games, maths, geocaching, puzzles and problems to solve every day!
A suggestion ? a feedback ? a bug ? an idea ? Write to dCode!

MONO-ALPHABETIC SUBSTITUTION

Cryptography > Substitution Cipher > Mono-alphabetic Substitution

MONOALPHABETIC SUBSTITUTION DECODER

★ ALPHABETIC SUBSTITUTION CIPHERTEXT
dolvgw oxx dsvgwj vgd ncgjvfuaodvcg, V ncyxf soafxq
hxoeu Zypvdua mca svj cpvgvcg
aui

Dsu mxow vi: pvnCNDM{5YH5717Y710G 310XY710G 03055505}

★ SPACES ARE RELEVANT AND MUST BE KEPT (ARISTOCRAT CIPHER)
☐ CAN BE IGNORED OR ARE MISSING (PATRISTOCRAT CIPHER)

★ PLAINTEXT LANGUAGE

► DECRYPT AUTOMATICALLY

OTHER DECRYPTION METHODS

☒ KNOWING THE SUBSTITUTION ALPHABET USED
OHNFUMSVZLXEGCPTAJDYIRKQB

☐ KNOWING THE RECIPROCAL ALPHABET

☐ ATTACK WITH PROBABLE WORD/KNOWN PLAIN TEXT

☐ MANUAL DECRYPTION (EMPTY VISUAL TOOL)

► DECRYPT

See also: [Word Desubstitution/Pattern](#) — [Frequency Analysis](#)

MONOALPHABETIC SUBSTITUTION ENCODER

★ UNSUBSTITUTED PLAIN TEXT (?)
dCode can find alphabetical substitutions made to a text by analyzing letter frequencies.

★ SUBSTITUTION ALPHABET

► ENCRYPT

Summary

- ★ Monoalphabetic Substitution Decoder
- ★ Monoalphabetic Substitution Encoder
- ★ Custom Deranged Alphabet Generator
- ★ What is a (mono)alphabetic substitution? (Definition)
- ★ How to encrypt using an alphabetical substitution?
- ★ How to decrypt using an alphabetical substitution?
- ★ How to recognize a mono alphabetical substituted text?
- ★ How to decipher a substitution without the alphabet?
- ★ What is the MCMC technique?
- ★ What are the variants of the substitution cipher?

Similar pages

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Results

Alphabet : OHNFUMSVZLXEGCPTAJDYIRKQB
Alphabet⁻¹ : RZOTMDNBVSXKFCAPYWHQEIGLUJ

Hereupon Legrand arose, with a grave and stately air, and brought me the beetle from a glass case in which it was enclosed. It was a beautiful scarabaeus, and, at that time, unknown to naturalists--of course a great prize in a scientific point of view. There were two round black spots near one extremity of the back, and a long one near the other. The scales were exceedingly hard and glossy, with all the appearance of burnished gold. The weight of the insect was very remarkable, and, taking all things into consideration, I could hardly blame Jupiter for his opinion respecting it.

The flag is:
picoCTF{5UB5717U710N_3V0LU710N_03055505}

Mono-alphabetic Substitution - [dCode](#)

Tag(s) : Substitution Cipher

Share

dolvgw oxx dsvgwj vgd ncgjvfuaodvcg, V ncyxf soafxq
hxoeu Zypvdua mca svj cpvgvcg
aui

Dsu mxow vi: pvnCNDM{5YH5717Y710G 310XY710G 03055505}

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► ENCRYPT

Bandera

flag: picoCTF{5UB5717U710N_3V0LU710N_03055505}

Notas Adicionales

Referencias

- [Substitution-cipher](#)