



Challenge Name: Base

Category: Miscellaneous

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Description

What does this `bDNhcm5fdGgzX3lwcDM1` mean? I think it has something to do with bases.

Hint 1: Submit your answer in our flag format. For example, if your answer was 'hello', you would submit 'picoCTF{hello}' as the flag.

<https://play.picoctf.org/practice/challenge/7?category=3&page=1>

Learning outcome : Base, encryption, decryption



Base64 is one of the encoding method.

A screenshot of a web-based Base64 decoding tool. The interface is split into two main sections: "Recipe" on the left and "Input" on the right. The "Recipe" section has a green background and contains a dropdown menu set to "Alphabet" with the character set "A-Za-z0-9+/" below it. A checkbox labeled "Remove non-alphabet chars" is checked. The "Input" section on the right has a light grey background and contains the text "bDNhcm5fdGgzX3IwcDM1" highlighted in yellow. Below the input section is an "Output" section with a light grey background, which displays the decoded result "l3arn_th3_r0p35" in a rounded orange box.

Recipe [Save] [Folder] [Trash]

From Base64 [Close] [Pause]

Alphabet
A-Za-z0-9+/=

Remove non-alphabet chars

Input

bDNhcm5fdGgzX3IwcDM1

Output

l3arn_th3_r0p35

Solution

1. Dig out the code is encoded with Base 64
2. Search Base 64 decode tools
3. The answer is “**picoCTF{l3arn_th3_r0p35}**”

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描述

「bDNhcm5fdGgzX3lwcDM1」是什麼意思？我認為這與 Base 有關。

提示 1: 以我們的旗幟格式提交您的答案。例如，如果您的答案是“hello”，則可以提交“picoCTF {hello}”作為旗幟。

<https://play.picoctf.org/practice/challenge/7?category=3&page=1>

可以學習到：Base，加密，解密

Base64 是其中一種加密方法

A screenshot of a web-based Base64 decoder tool. The interface is divided into two main sections: "Recipe" and "Input". The "Recipe" section is highlighted in light green and contains a dropdown menu set to "Alphabet" with the character set "A-Za-z0-9+/", a checked checkbox for "Remove non-alphabet chars", and a pause button. The "Input" section is on the right and contains the Base64 string "bDNhcm5fdGgzX3IwcDM1" highlighted in yellow. Below the input section is an "Output" section, which is currently empty, with the decoded result "13arn_th3_r0p35" shown in a separate box at the bottom right.

Recipe

From Base64

Alphabet
A-Za-z0-9+/=

Remove non-alphabet chars

Input

bDNhcm5fdGgzX3IwcDM1

Output

13arn_th3_r0p35

解題

1. 找出亂碼是由 **Base 64** 加密而成
2. 搜尋 Base 64 解密工具
3. 所得的旗幟是“**picoCTF{l3arn_th3_r0p35}**”