

Jeans

This challenge a bit tricky for beginners. I did mentioned that I only use cyberchef and dcode to decode my ciphertext. But what if I can't decode it?

First we need to identify our cipher text. Dcode can identify it for us

<https://www.dcode.fr/cipher-identifier>

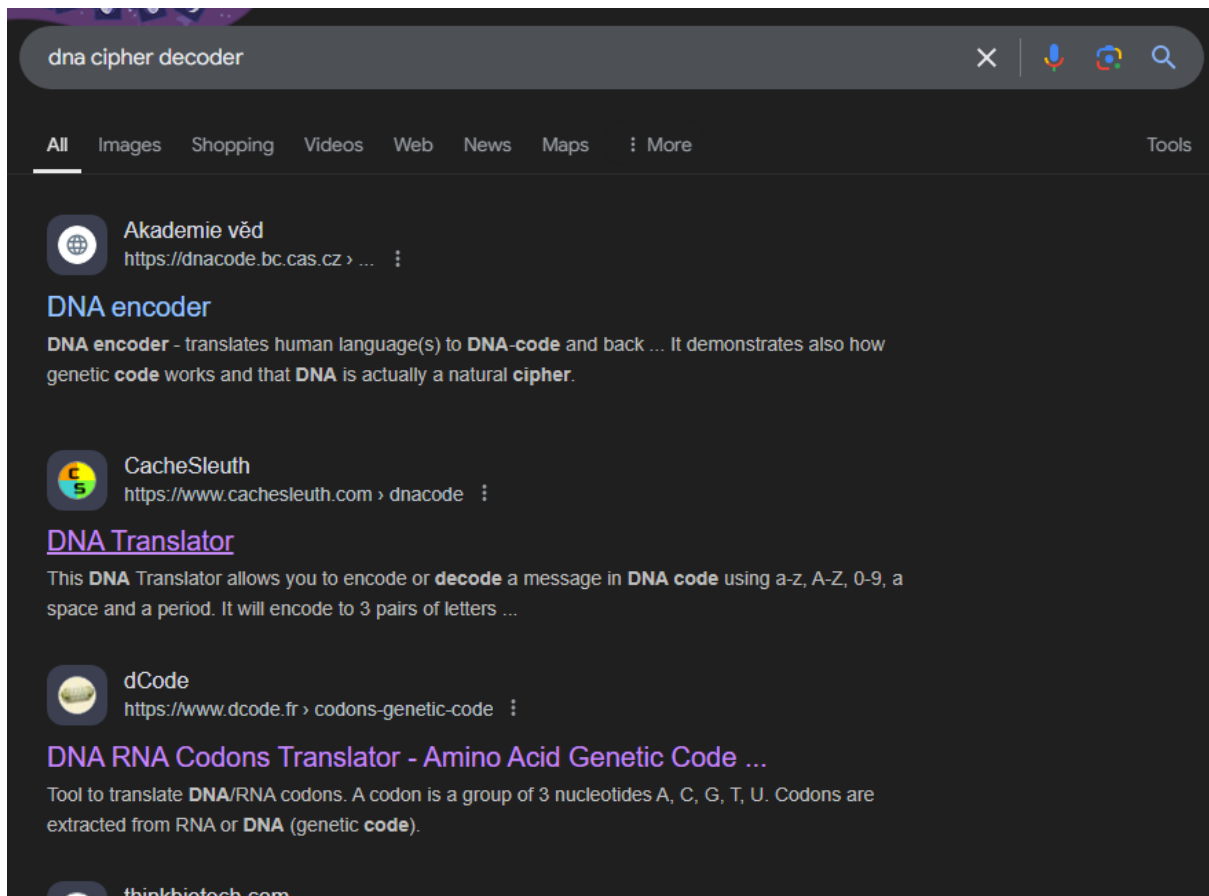
The screenshot shows the 'CIPHER IDENTIFIER' tool on the DCode website. On the left, a search bar contains 'e.g. type 'boolean'' and a 'Results' section lists suggestions: 'Codons (Genetic Code)', 'Base62 Encoding', 'Base 58', and 'Substitution Cipher'. The 'Codons (Genetic Code)' option is highlighted with a black square. On the right, the 'ENCRYPTED MESSAGE IDENTIFIER' section shows a sample ciphertext: 'TGATAGTGTGATTAGTCATAGGCTACGTATGCTTAGAGGGAGCTAGCGACCGTTGCAGTCACTCGCATGAGCGTACATCAATTTGTTGCAGTCTAGATCAATGATTAGTCGTGACACCTCACG'. Below this, there is a 'CLUES/KEYWORDS (IF ANY)' field and an 'ANALYZE' button.

If there are many black squares on the left, you are good to go. If some challenge ciphertext got no black square, then GGs. For this fortunately we get many black squares.

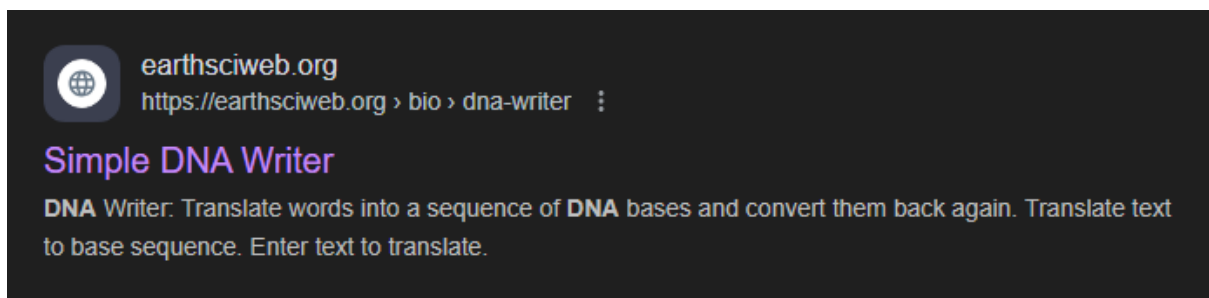
The screenshot shows the 'CODONS (GENETIC CODE)' tool on the DCode website. The left sidebar shows the search results for 'e.g. type 'boolean'', with 'Codons (Genetic Code)' selected. The main content area is titled 'CODONS TRANSLATION/CONVERTER' and shows a list of codons/anticodons (DNA/RNA triples or amino acids) to translate. The input field contains the ciphertext 'TGATAGTGTGAT...ACG'. The 'CONTENT' dropdown is set to 'Automatic Detection (Brute-Force)' and the 'OUTPUT FORMAT' is set to 'AMINO ACIDS/A.A. (1 LETTER CODE)'. Below this, there is a 'DECRYPT/CONVERT' button. The 'CODONS ENCODER' section is also visible, showing a 'PLAINTEXT TO CODE WITH CODONS' field and a 'DESIRED OUTPUT' dropdown set to 'DNA CODONS (A,C,G,T TRIPLES)'. The 'CODONS/ANTICODONS TRANSCRIPTION' section is also visible, showing a 'CODONS/ANTICODONS LIST' field and a 'TRANSCRIPTION' dropdown set to 'FROM DNA TO RNA (CLASSICAL)'.

If there are no key, I always bruteforce it. But this time, no flag in the output. Damn.

So need some researching. Search the cipher decoder. Just click on each of them and try all tools.



You will eventually go into this one



I tried here and got the flag.

TACCTCACTAGCATGCACCTGTAGCTACAC

DNA Writer

Translate words into a sequence of DNA bases and convert them back again.

Translate text to base sequence

Enter text to translate: [Create Code](#) or [Print Friendly Output](#)

Include non-coding DNA: ☐ ☐

Show Color Sequence: ☐ (A G C T)

Output:

Translate base sequence to text

Enter Sequence:

[Translate Code](#) Show Color Sequence: ☐

Output:

STOUTCTF.QFT8PE2RHJXRKBPHMC6OJP14CW6XHY7N.

How it works

STOUTCTF{QFT8PE2RHJXRKBPHMC6OJP14CW6XHY7N}