

STEP 1 (FINDING KEY)

"There exist short sentences which include all the alphabets." a quick google search will tell us this is hinting to pangrams, on investigating the first few links:

- 1) <https://www.rd.com/list/fun-pangrams/>
- 2) <https://www.orchidsinternationalschool.com/blog/pangrams>
- 3) <https://en.wikipedia.org/wiki/Pangram>

We get a list of possible pangrams and we can match the number of letters and words with the first sentence from the ciphertext, one of the more common pangrams which matches is "The five boxing wizards jump quickly".

From here we can create a key mapping each letter to an emoji like:

A = 🤔
B = 😊
C = 🗣️
D = 👉
E = 😁
F = 😬
G = 🙌
H = 😎
I = 👉
J = 😍
K = ❤️
L = 😊
M = 😏
N = 🤔
O = 😁
P = 😬
Q = 😏
R = 😬
S = 👍
T = 😐
U = 😏
V = 😐
W = 🤔
X = 😏
Y = 🤔
Z = 😐

STEP 2 (DECRYPTION)

using this we get the plaintext "THE FIVE BOXING WIZARDS JUMP QUICKLY. THE FLAG IS THE LAST WORD. THE FLAG IS PANGRAMSENTENCES."

We can now encapsulate it in DJSISACA{} to get the flag "DJSISACA{PANGRAMSENTENCES}".