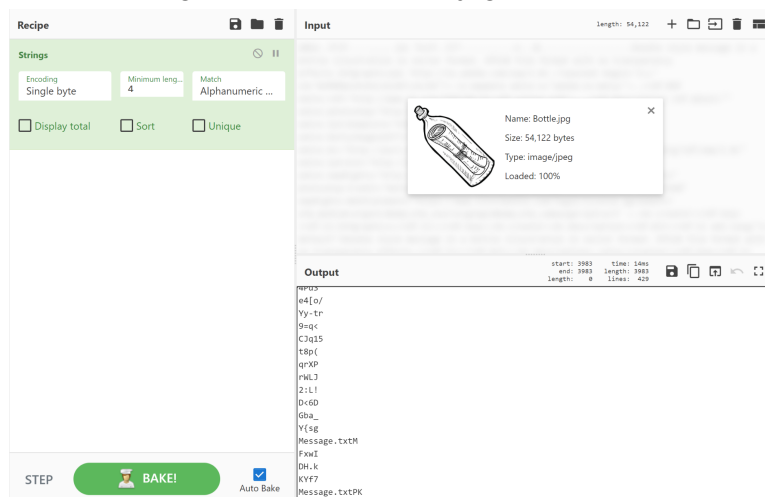**MFA Part 3: Message in a Bottle.jpg**
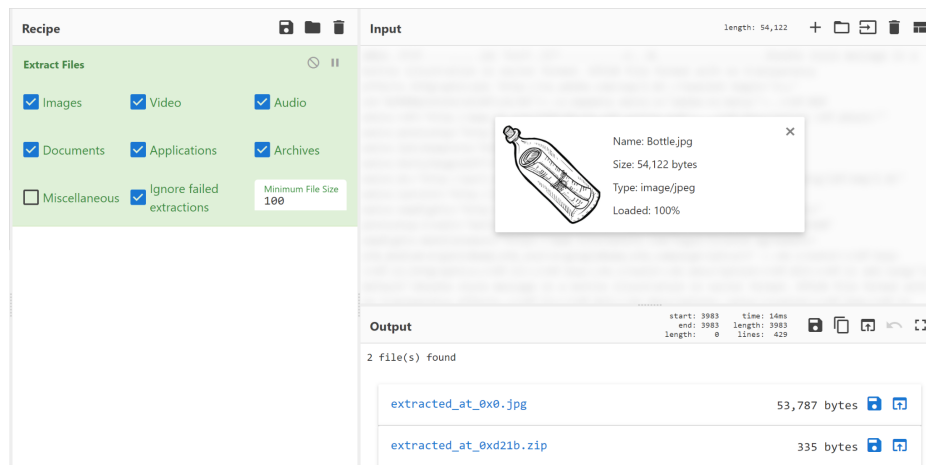Tools: CyberChef/Winrar/any file extractor.

Bottle.jpg

After downloading 'Bottle.jpg' we can throw it into cyberchef to see what is going on inside it.
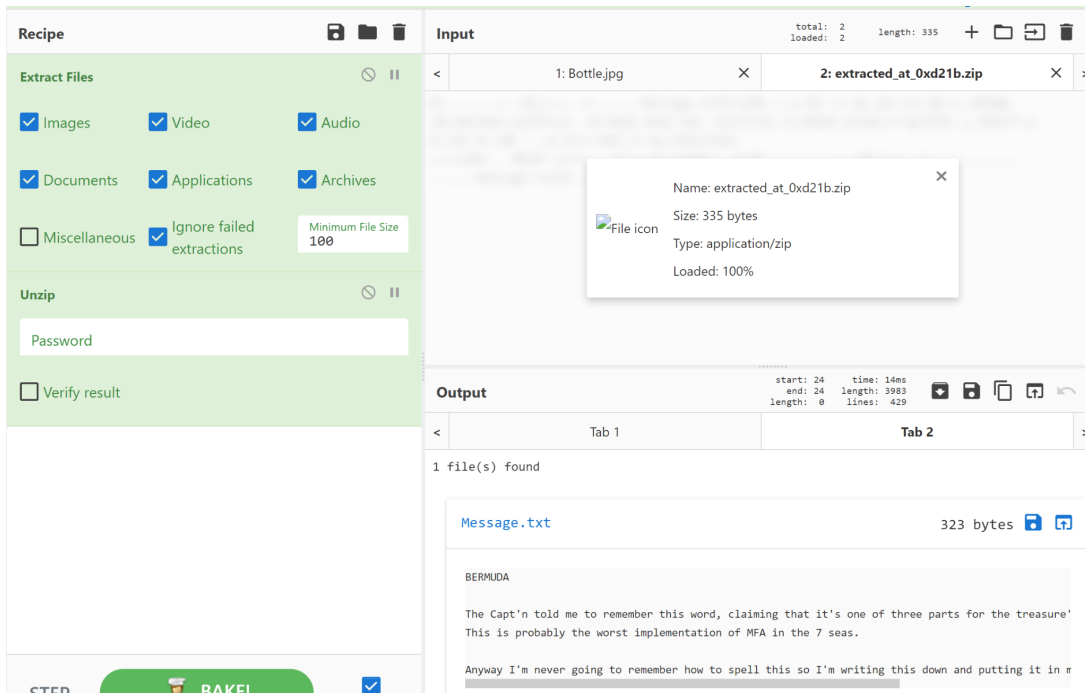
Using strings in cyberchef (or the strings command in linux). The bottom of the output will show "message.txt" is in the Bottle.jpg file.

Extracting files from Bottle.jpg shows a .zip file inside Bottle.jpg.

Unzipping the extracted .zip file outputs the message.txt file

Recipe

Extract Files

☑ Images   ☑ Video   ☑ Audio

☑ Documents   ☑ Applications   ☑ Archives

☐ Miscellaneous   ☑ Ignore failed extractions   Minimum File Size: 100

Unzip

Password

☐ Verify result

STEP   🍴 BAKE!   ☑

Input

total: 2   length: 335
loaded: 2

1: Bottle.jpg ✕   2: extracted_at_0xd21b.zip ✕

Name: extracted_at_0xd21b.zip
Size: 335 bytes
Type: application/zip
Loaded: 100%

Output

start: 24   time: 14ms
end: 24   length: 3983
length: 0   lines: 429

Tab 1   **Tab 2**

1 file(s) found

Message.txt   323 bytes

BERMUDA

The Capt'n told me to remember this word, claiming that it's one of three parts for the treasure'
This is probably the worst implementation of MFA in the 7 seas.

Anyway I'm never going to remember how to spell this so I'm writing this down and putting it in m

Here we can see the key is BERMUDA.
So the flag is *ahoy{BERMUDA}*