Task 01: What is wrong with challenge.png. Hint Cyberchef

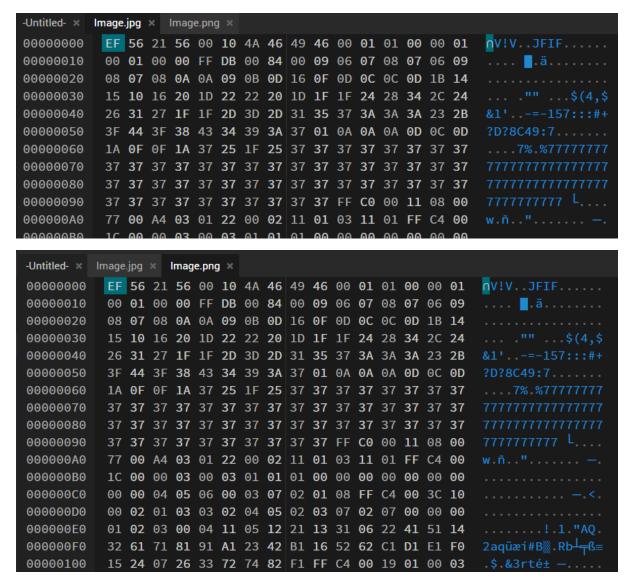
Ans: The problem with challenge.png was that it's magic bits said that it was a zip file, but it's extension was png, changing it to .zip solved the issue.

Task 02: Can you check Image.jpg and recover the file. Flag format FLAG{text_in_image}. Hint: Check for magic bytes in hexed and match them with jpg magic bytes on Gary Kessler's site.

Ans: FLAG{stronk}

Task 03: Does changing the extension change magic bytes of the file. Try and add screenshots with explanation.

Ans: No, it does not. The extension and the magic bits are both different.



Task 04: Can you recover the challenge.png file. Flag format flag{}.

Ans: flag{d1g1tal_f0r3ns1cs_101}

Task 05: What if magic bytes are totally out of place, how can we check for file type? Hint:

"I have wheels, yet I'm not a car.

I am big, but I'm not a star.

Pull me along, I'll carry your load.

Inside me, stories are often showed."

Ans: trailer bytes, the bytes at the end.

Task 06 [Bonus]: Can you recover Boss.png?

Ans:

