

## Challenge Name: Looks Can Be Deceiving — 250pts (Steganography)

Challenge

8 Solves

×

# Looks Can Be Deceiving

## 250

You've been handed a suspicious block of data — too clean, too structured to be random.

When pieced together properly, it reveals a familiar visual — but don't expect the flag to appear right away.

What you see is a code... but it's a code inside the code.

Can you see, scan, and decode?

file.txt

1/5 attempts

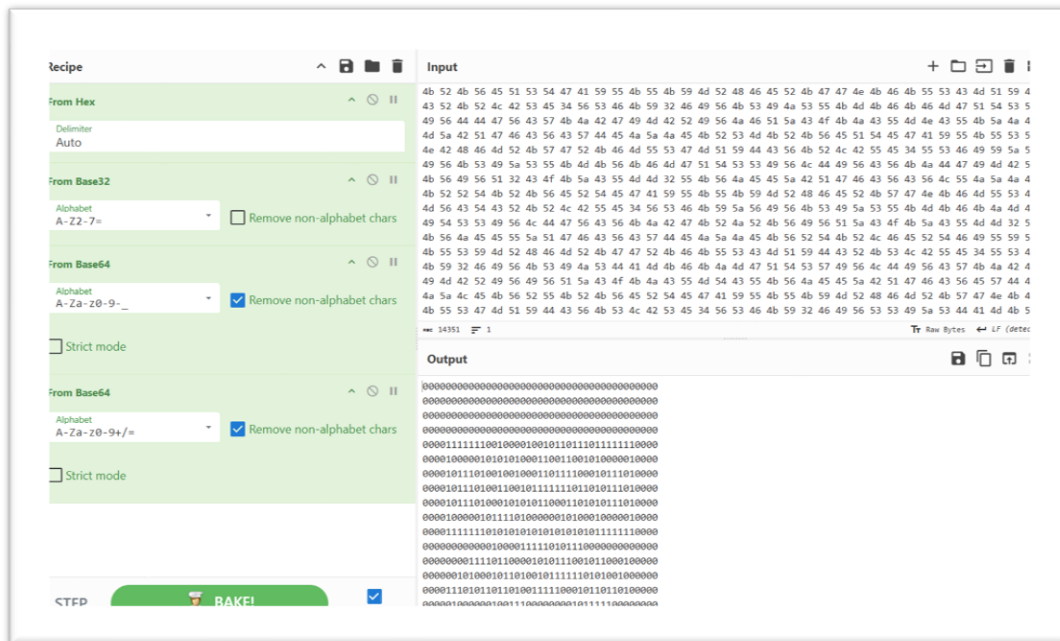
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This is a challenge where we got one file.txt, so we need to see what it contains.

```
7 49 40 42 52 49 56 49 56 51 54 43 4f 4b 4a 43 55 4d 4d 32 55 4b 56 4b 45 45 58 42 51 47 46 43 56 43 56 4c 55 48 58 4b 45 4b 52 52 54 4b 52 4b 56 45 51 54 45 47 41 59 55 4b 55 4b 59 4d 52 48 46 45 52 4b 47 47 4e 4b 46 4b 55 53 43 4d 51 59 44 43 52
1 4c 42 53 45 34 55 53 46 49 59 50 56 49 56 4b 53 49 4a 53 44 41 4d 4b 46 4b 46 4d 47 49 54 53 53 49 56 44 44 47 56 43 56 4b 4a 42 47 49 4d 42 52 49 56 49 56 51 58 43 4f 4b 4a 43 55 4d 4d 32 55 4b 56 4a 45 45 50 51 47 46 43 56 43 57 44 45 48 5
3 45 4b 52 52 54 4b 52 4b 56 45 51 54 45 47 41 59 55 4b 55 4b 59 4d 52 48 46 45 52 4b 47 47 4e 4b 46 4b 55 53 43 4d 51 59 44 43 52 4b 52 4c 42 53 45 34 55 53 46 49 59 50 56 49 56 4b 53 49 4a 53 44 41 4d 4b 46 4b 46 4d 47 49 54 53 53 49 56 44 44 4
5 43 56 4b 4a 47 47 49 4d 42 52 49 56 49 56 51 58 43 4f 4b 4a 43 55 4d 54 43 55 4b 56 4a 45 45 58 42 51 47 46 43 56 43 57 44 45 48 58 4a 45 4b 52 52 54 4b 52 4b 56 45 51 54 45 47 41 59 55 4b 55 4b 59 4d 52 48 46 45 52 4b 47 47 4e 4b 46 4b 55 53 43 4d 51 59 44 43 52
1 59 44 43 52 4b 52 4c 42 53 45 34 55 53 46 49 59 50 56 49 56 4b 53 49 4a 53 44 41 4d 4b 46 4b 46 4d 47 49 54 53 53 49 56 44 44 47 56 43 56 4b 4a 42 47 49 4d 42 52 49 56 49 56 4b 53 43 4f 4b 4a 43 55 4d 4d 32 55 4b 56 4a 45 45 4d 50 51 47 46 43 56 43 57 44 45 48 5
5 57 44 49 58 4c 45 4b 56 52 54 4b 52 4b 56 45 52 54 45 47 41 59 55 4b 55 4b 59 4d 52 48 46 45 52 4b 47 47 4e 4b 46 4b 55 53 43 4d 51 59 44 43 52 4b 52 4c 42 53 45 34 56 53 46 4b 59 58 56 49 56 53 53 49 58 53 55 4b 4d 4b 56 4b 4a 47 51 54!
7 49 56 44 44 47 56 43 56 4b 4a 42 46 47 4d 42 52 49 56 49 56 51 58 43 4f 4b 4a 43 56 4d 4d 32 55 4b 56 4a 45 45 58 42 51 47 46 43 56 45 57 44 45 48 58 4c 45 4b 52 52 55 4b 52 4b 56 45 52 54 45 47 41 59 55 4b 55 4b 59 4e 42 48 4b 4d 52 4b 47 47 4e
5 4d 55 53 47 4d 51 59 44 43 52 4b 53 42 42 53 45 34 56 53 46 49 59 58 56 49 56 4b 53 49 4a 53 44 41 4d 4b 46 4b 46 4d 47 49 54 53 53 49 56 44 45 59 56 43 56 4b 4a 42 47 49 4d 42 52 49 56 4a 46 51 58 43 4f 4b 58 43 56 4d 4e 43 55 4b 56 4a 45 4d 5
1 51 47 46 43 56 45 57 44 45 48 58 4a 45 4b 56 52 54 4b 52 4b 56 45 51 54 4b 49 55 59 56 4b 55 4b 59 4e 42 48 4b 4d 52 4b 47 47 4e
5 4b 58 49 54 53 53 49 56 44 44 47 56 43 56 4b 4a 44 47 49 4d 42 52 4b 56 4a 46 51 32 43 4f 4b 4a 43 56 4d 4d 32 55 4b 56 4a 45 4b 52 4b 46 4b 46 47 46 43 56 43 57 44 49 48 58 4a 45 4b 56 52 55 4b 52 4c 46 45 52 54 4b 46 49 55 59 56 4b 55 53 59 4d 52 48
3 52 4b 57 47 4e 4b 46 4d 55 53 43 4d 54 43 56 4b 4d 52 4c 53 45 34 56 53 46 49 59 58 56 49 56 4b 53 49 4a 54 41 4d 4b 46 4b 46 4d 47 49 54 53 53 49 56 4c 44 47 56 43 57 4b 4a 44 47 4b 52 49 56 4b 4a 46 51 58 43 4f 4b 52 49 4b 46 43 55 4d 4e 4
1 4b 56 4a 45 4d 58 42 51 47 46 4b 56 43 57 44 49 48 58 4c 45 4b 52 52 54 4b 52 4b 56 45 52 54 4b 52 4b 56 45 51 54 45 47 41 59 55 4b 55 53 47 4d 51 59 44 43 56 4b 52 4c 42 53 45 34 55 53 46 49 58 47 4e 49 50 4b 53 49 4
1 44 41 4d 4b 46 4b 4a 4d 47 49 54 53 53 49 56 44 44 47 56 43 56 4b 4a 44 47 49 4d 42 52 4b 56 4a 46 51 32 43 4f 4b 4a 43 55 4d 4e 43 55 4b 56 4a 45 45 58 42 51 47 46 43 56 43 57 44 45 48 58 4c 45 4b 52 52 55 4b 52 4b 56 45 51 54 45 47 41 59 56 4b
3 59 4d 52 48 46 45 52 4b 47 47 4e 4b 4b 4d 55 53 43 4d 51 59 44 43 52 4b 52 4b 56 32 45 34 55 53 46 49 59 58 56 49 56 4b 53 49 58 53 55 4b 4d 4b 56 4b 4a 4d 47 51 54 53 57 49 56 4c 44 47 56 43 57 4b 4a 42 47 4b 47 4e 4b 52 49 56 4b 46 51 58 43 4f 4
4 3 55 4d 4e 43 55 4b 56 4a 45 4d 58 42 51 47 46 4b 56 43 57 44 49 48 58 4a 45 4b 56 52 54 4b 52 4c 46 45 52 54 4b 46 49 55 59 4e 42 48 46 4d 52 4b 47 47 4e 4b 46 4b 55 53 43 4d 51 59 44 43 52 4b 52 4c 42 53 45 34 55 53 46 49 59 58!
3 56 4b 53 49 48 53 44 41 4d 4b 46 4b 4d 47 49 54 53 57 49 56 44 44 47 56 43 56 4b 4a 42 47 4b 52 4a 52 4b 56 4a 46 41 32 43 4f 4b 4a 43 55 4d 4e 43 55 4b 56 4a 45 4d 58 4b 46 47 46 4b 56 43 57 44 45 48 58 4a 45 4b 52 52 4b 46 43 56 45 52 52 54 4b 52 4b 56 45 51 5
1 47 41 59 55 4b 55 4b 59 4d 52 48 46 45 52 4b 46 4b 4d 55 53 43 4d 51 59 44 43 52 4b 52 4c 42 53 45 34 55 53 46 49 59 58 31 4b 49 56 53 53 49 58 53 55 4b 4d 4b 56 4b 4a 4d 47 51 54 53 57 49 56 44 44 47 56 43 56 4b 4a 44 47 49 4d 42 52 4d 51
3 56 51 32 43 4f 4b 58 43 56 4d 4d 32 55 4b 56 4a 45 4d 58 42 51 47 46 4b 56 45 57 44 45 48 58 4a 45 4b 52 52 55 4b 52 4b 56 45 51 54 45 47 41 59 55 4b 55 4b 56 45 52 4b 47 47 4e 4b 46 4b 55 53 43 4d 51 59 44 43 56 4b 52 4c 42 53 45 34
1 46 49 59 58 56 49 56 53 53 49 53 55 4b 4d 4b 56 4b 4a 4d 47 51 54 53 53 49 56 44 44 49 56 43 56 4b 4a 44 47 4b 52 4a 52 4b 56 4a 46 51 32 43 4f 4b 4a 43 55 4d 4e 43 55 4b 56 4a 45 4d 58 42 51 47 46 43 56 45 57 44 45 48 58 4a 45 4b 52 52 54 4d
1 4b 56 45 51 54 47 41 59 55 4b 55 4b 59 4d 52 48 46 45 52 4b 47 47 4e 4b 4d 4d 55 53 43 4d 54 53 53 49 56 43 54 43 52 4b 53 4c 42 55 45 34 55 53 46 49 59 32 46 49 56 4b 53 49 58 53 44 41 4d 4b 46 4b 4a 4d 47 51 54 53 57 49 56 4c 44 49 56 43 56 4b 4a 42 4
3 4d 42 52 4b 56 49 56 51 32 43 4f 4b 58 43 55 4d 43 55 4b 58 4a 45 45 58 4b 46 47 46 43 56 43 57 44 45 48 58 4a 45 4b 52 53 4d 42 4b 56 45 51 54 45 47 41 59 55 4b 55 4b 59 4e 42 48 46 45 52 4b 47 47 4e 4b 4b 55 53 43 4d 51 59 44 43 56 4b 52
1 42 53 45 34 56 53 46 4b 59 32 46 49 56 4b 53 49 4a 53 44 41 4d 4b 46 4b 46 4d 47 49 54 53 53 49 56 44 44 49 56 43 56 4b 4a 44 47 4b 52 4a 52 4b 56 4a 46 51 32 43 4f 4b 4a 43 55 4d 4d 32 55 4b 56 4a 45 45 58 42 51 47 46 43 56 43 56 4c 55 48 58 4c
3 4b 52 52 54 4b 52 4b 56 45 51 54 46 49 55 59 55 4b 53 59 4e 42 48 46 4d 52 4b 57 47 52 4b 46 4d 55 53 47 4d 56 43 54 43 56 4b 53 4c 42 55 45 34 55 53 46 4b 59 32 46 49 56 4b 53 49 58 53 44 41 4d 4b 46 4b 4a 4d 47 51 54 53 57 49 56 44 44 47 5
3 57 4b 4a 44 47 4b 52 4b 46 4d 55 53 43 4d 51 59 44 43 52 4b 53 4c 42 55 4b 56 4a 45 45 55 58 51 47 46 43 56 43 57 44 45 48 58 4a 45 4b 56 52 55 4b 52 4c 46 45 52 54 4b 49 55 59 55 4b 55 4b 59 4e 42 48 46 45 52 4b 47 47 4e 4b 4b 55 53 43 4d 51 59 44 43 56 4b 52 4c 42 53 45 34 54 43 52 4b 52 4c 42 53 45 34 56 53 46 4b 59 32 46 49 56 53 53 49 48 53 44 41 4d 4b 46 4b 46 4d 47 49 54 53 53 49 56 4c 44 47 56 43 56 4b 4a 42 47 4b 52 4a 52 4b 56 4a 46 51 58 43 4f 4b 4a 43 55 4d 54 43 56 4b 4a 45 58 42 51 47 46 43 5f
7 44 45 48 58 4c 45 4b 56 52 4b 52 4c 46 45 52 54 45 47 41 59 56 55 4b 55 4b 59 4e 42 48 46 4d 52 4b 57 47 52 4b 46 4d 55 53 47 4d 56 43 54 43 56 4b 53 4c 42 55 45 34 55 53 46 4b 59 32 46 49 56 53 53 49 58 55 4b 4d 4b 56 4b 4a 4d 47 51 54 53 5
3 56 4c 44 49 56 43 56 4b 4a 42 47 49 4d 42 52 49 56 49 56 4b 35 43 4f 4b 4a 43 55 4d 4d 32 55 4b 56 4a 45 45 58 4b 46 47 46 4b 56 43 57 44 49 48 58 4c 45 4b 52 52 54 4b 52 4b 56 45 52 54 45 47 41 59 55 4b 55 4b 59 4d 52 48 46 45 52 4b 47 47 4e
5 4d 55 53 43 4d 51 59 44 43 52 4b 53 4c 42 53 45 34 56 53 46 49 59 32 46 49 56 53 53 49 48 53 55 4b 4d 4b 56 4b 4a 4d 47 49 54 53 57 49 56 44 44 47 56 43 56 4b 4a 42 47 4b 52 4a 52 4b 56 4a 46 51 58 43 4f 4b 4a 43 55 4d 4e 43 55 4b 58 4a 45 4d 5
4 46 47 46 43 56 45 57 44 45 48 58 4c 45 4b 52 52 55 4b 52 4b 56 45 51 54 45 47 41 59 55 4b 55 53 59 4d 52 48 46 4d 52 4b 47 47 52 4b 46 4b 55 53 47 4d 56 43 54 43 52 4b 53 4c 42 53 45 34 56 53 46 4b 59 58 56 49 56 53 53 49 48 53 44 41 4d 4b 46 4
4 4d 47 49 54 53 53 49 56 44 45 59 56 43 56 4b 4a 42 47 49 4d 42 52 49 56 4b 46 51 58 43 4f 4b 4a 43 56 4d 4d 32 55 4b 56 4a 45 45 58 4b 46 47 46 43 56 43 57 44 49 48 58 4a 45 4b 56 52 55 4b 52 4c 56 45 51 54 46 49 55 59 55 4b 55 4b 59 4e 42 48
3 52 4b 57 47 4e 4b 46 4d 55 53 43 4d 51 59 44 43 52 4b 53 4c 42 53 45 34 56 53 46 4b 59 32 46 49 56 4b 53 49 48 53 44 41 4d 4b 46 4b 46 4d 47 49 54 53 53 49 56 44 44 47 56 43 56 4b 4a 42 52 49 4d 42 52 49 56 4b 4a 51 32 43 4f 4b 4a 43 56 4d 4d 3
1 58 4a 45 4b 58 42 51 47 46 4b 56 45 57 44 49 58 4c 45 4b 56 52 55 4b 52 4b 56 45 52 54 45 47 41 59 56 4d 52 4b 46 4d 52 4b 47 47 4e 4b 46 4b 55 53 43 4d 51 59 44 43 56 4b 52 4c 42 53 45 34 55 53 46 49 59 58 56 49 56 4b 53 49 4
5 54 41 4d 4b 46 4b 4d 47 49 54 53 53 49 56 44 44 49 56 43 57 4b 4a 44 47 49 4d 42 52 49 56 49 56 51 32 43 4f 4b 4a 53 55 4d 4d 32 55 4b 56 4a 45 45 58 4b 46 47 46 4b 56 43 57 44 45 48 58 4c 45 4b 56 52 54 4b 52 4c 46 45 52 54 45 47 41 59 55 4b
3 59 4e 42 48 46 45 52 4b 57 47 52 4b 46 4b 55 53 43 4d 54 53 53 46 4b 59 4b 47 46 49 56 4b 53 49 48 53 44 41 4d 4b 46 4b 46 4d 47 49 54 53 57 49 56 44 44 49 56 43 57 4b 4a 44 47 49 4d 42 52 49 56 4b 4a 51 58 43 4f 4
4 3 55 4d 4d 32 55 4b 56 4a 45 4d 58 4b 46 47 46 4b 56 43 57 44 49 48 58 4a 45 4b 56 52 55 4b 52 4c 46 45 52 54 4b 46 49 55 59 56 4b 55 53 59 4d 52 48 46 45 52 4b 47 47 52 4b 46 4b 55 53 43 4d 51 59 44 43 52 4b 52 4c 42 53 45 34 55 53 46 49 59 58
3 56 4b 53 49 58 53 55 4b 4d 4b 56 4b 4a 4d 47 49 54 53 53 49 56 44 44 49 56 43 57 4b 4a 44 47 4b 52 4a 52 4b 56 4a 45 45 58 42 51 47 46 4b 56 43 57 44 45 48 58 4a 45 4b 52 52 55 4b 52 4b 46 45 52 5
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After the analysis, I see the text contains the hex so I directly go to the cyberchef to decode the hex.



As after all the decoding, I got the binary that contains zero and one. Now, with my experience with the binary dimensions that it is a type of qr code that is going to be generated with '0' indicated as white and '1' indicated as black. So, I wrote one python code to do the same.

```

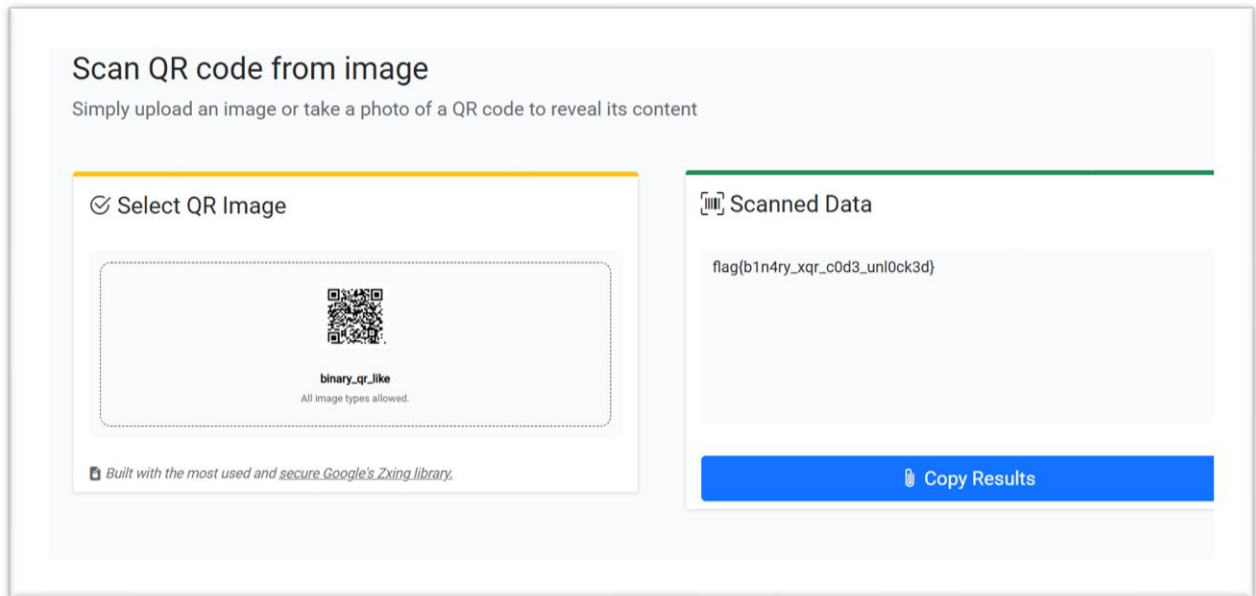
from PIL import Image
binary_data = ""
PUT YOUR BINARY HERE
"".strip().splitlines()
matrix = [[int(bit) for bit in line] for line in binary_data]
scale = 10
rows = len(matrix)
cols = len(matrix[0])
img = Image.new('1', (cols * scale, rows * scale), 1)
for y in range(rows):
    for x in range(cols):
        color = 0 if matrix[y][x] == 1 else 1
        for dy in range(scale):
            for dx in range(scale):
                img.putpixel((x * scale + dx, y * scale + dy), color)
img.save("binary_qr_like.png")
print("QR-like image saved as 'binary_qr_like.png'")

```

The above code can be successfully generated the qr code as show below and noq we juat need to scan it to get the stuff.



I used the online qrcode scanner to get the text from the qrcode.



As after the scan, we can successfully retrieve the flag.

**FLAG:** {b1n4ry\_xqr\_c0d3\_unl0ck3d}

~By Team justahacker