Maze

When we open the home page we discover just some text written which says "So close yet so far away". After doing a directory bruteforce , we discover that there exists a directory called **projects**. It mentions that "27 is my lucky number". If we go to the inspect element and check the source code we will discover an image tag which is commented. If we uncomment it , it displays a qr code. Hmm.. the page says something about 27, so let's see if image-27.png exists, and it does!

If we try to open any image after 27 , it doesn't exists, so we know that the total number of images are 28 ranging from image-0.png to image-27.png. Let us make a simple BASH script which can help us pull all the images from the server to the local machine.

```
#!/bin/bash

for i in {0..27}
do
 wget http://path-to-image/image-$i.png
done
```

Now to scan all these files we can use another bash script for which you need to make sure that you have **zbarimg** installed on your machine.

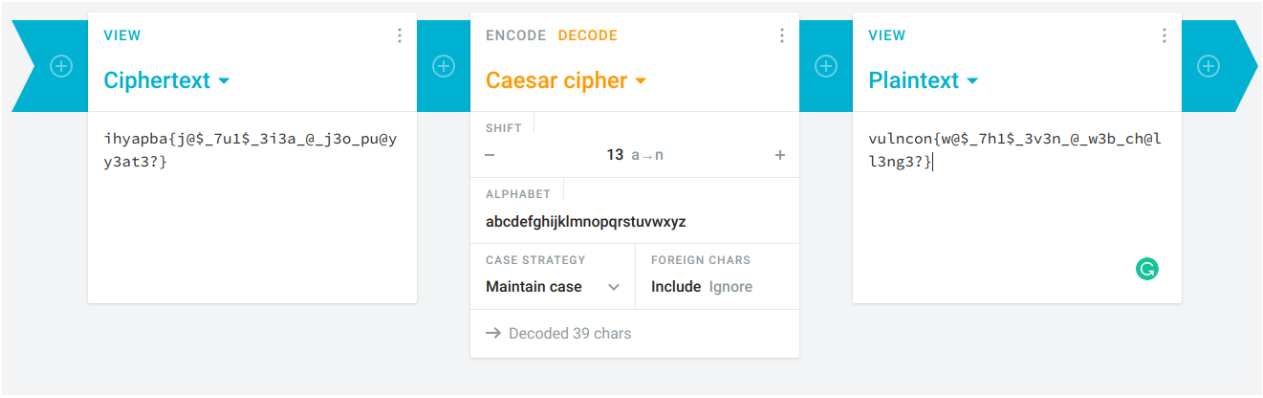
```
#!/bin/bash

for i in {0..27}
do
 zbarimg image-$i.png
done
```

Now once we run this script we will see a couple of lines which basically congratulates us for solving the challenge so far and says that now 13 is their lucky number.

The hint is basically for image-13.png . Let us try running exiftool on the image to see if we can find anything:

```
Creator                         : aWh5YXBiYXtqQCRfN3UxJF8zaTNhX0BfajNvX3B1QHl5M2
```

We get the string "**aWh5YXBiYXtqQCRfN3UxJF8zaTNhX0BfajNvX3B1QHl5M2F0Mz99**" here which is basically a base64 which once decoded gives us a caesar cipher.



When we try the 13th shift we get our flag: **vulncon{w@$_7h1$_3v3n_@_w3b_ch@ll3ng3?}**