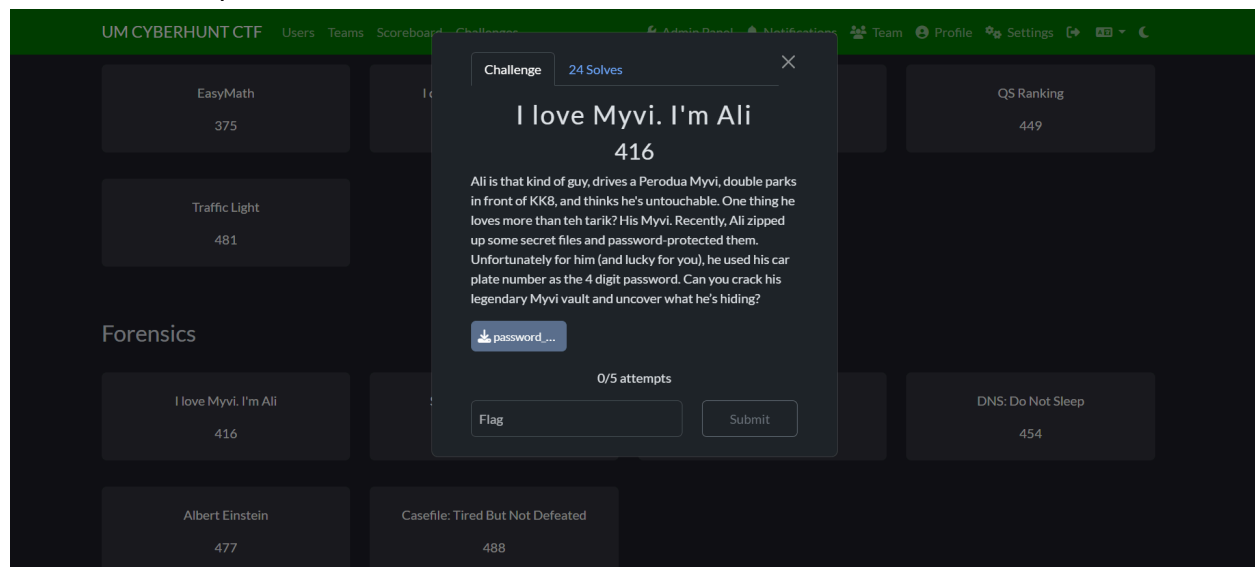


This is how the question looks like:



Okay, let's extract the info from the question.

- ~~Ali drives Myvi, Ali likes to double park, Ali loves teh tarik~~
- Zip file provided
- 4 digit password needed to encrypt the zip file

Let's unzip the zip file. However, password required and the question didnt give us any password to unzip the file. But wait, we know Ali will use 4 digit password to protect his file. Jom, bruteforce.

```
(kali㉿kali)-[~]
$ cd ~/Q4

(kali㉿kali)-[~/Q4]
$ unzip password_protected.zip
Archive:  password_protected.zip
[password_protected.zip] flag.txt password:
password incorrect--reenter:
password incorrect--reenter:
      skipping: flag.txt                incorrect password

(kali㉿kali)-[~/Q4]
$
```

To bruteforce, we use command: `fcrackzip -b -c 1 -l 4-4 -u protected.zip`

Options:

- b: brute force mode
- c 1: use numeric characters (0-9)
- l 4-4: password length between 4 and 4 characters
- u: unzip to verify password

```
(kali㉿kali)-[~/Q4]
$ fcrackzip -v -u -D -p 0000-9999 password_protected.zip

found file 'flag.txt', (size cp/uc      40/      28, flags 9, chk 415b)
0000-9999: No such file or directory

(kali㉿kali)-[~/Q4]
$ fcrackzip -b -c 1 -l 4-4 -u password_protected.zip

PASSWORD FOUND!!!!: pw = 3141
(kali㉿kali)-[~/Q4]
```

Cool we got the password, 3141. Let's unzip it again.

```
(kali㉿kali)-[~/Q4]
$ unzip password_protected.zip
Archive:  password_protected.zip
[password_protected.zip] flag.txt password:
extracting: flag.txt

(kali㉿kali)-[~/Q4]
$ cat flag.txt
Hunt{StR0ng_p4ssWoRd_c4n_U}
```

Yay, u got the flag!!