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# mascot

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**Challenge name:** mascot

**Challenge description:** Very gracious host!!

**Category:** Web

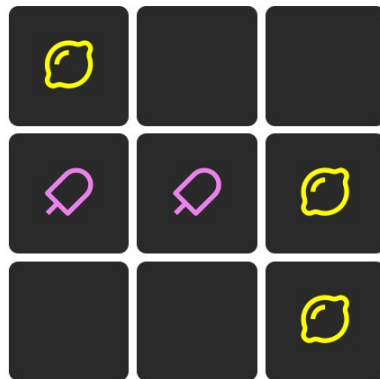
**Difficulty:** Medium

**Points:** 300

**Author:** [Kaustubh Bhule](#)

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**Step 1:** Start and open the challenge instance.



**Step 2:** Ignore what's on the main web of this website and start directory enumerating using tools such as ***dirb***, ***gobuster***, etc.

```
Terminal
[kaustubh@debian]~$ dirb https://ch540118123.ch.eng.run/

-----
DIRB v2.22
By The Dark Raver
-----

START_TIME: Sun Apr  9 14:42:09 2023
URL_BASE: https://ch540118123.ch.eng.run/
WORDLIST_FILES: /usr/share/dirb/wordlists/common.txt

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GENERATED WORDS: 4612

---- Scanning URL: https://ch540118123.ch.eng.run/ ----
+ https://ch540118123.ch.eng.run/.git/HEAD (CODE:200|SIZE:21)
^C> Testing: https://ch540118123.ch.eng.run/10
[✗]-[kaustubh@debian]~$
```

**Step 3:** After running **dirb** we found **.git** directory so let's visit it through the url.

ch540118123.ch.eng.run/.git/

## Index of /.git

Name	Last modified	Size	Description
<a href="#">Parent Directory</a>		-	
<a href="#">HEAD</a>	2023-04-01 05:30	21	
<a href="#">branches/</a>	2023-04-01 05:30	-	
<a href="#">config</a>	2023-04-01 05:30	270	
<a href="#">description</a>	2023-04-01 05:30	73	
<a href="#">hooks/</a>	2023-04-01 05:30	-	
<a href="#">index</a>	2023-04-01 05:30	1.6K	
<a href="#">info/</a>	2023-04-01 05:30	-	
<a href="#">logs/</a>	2023-04-01 05:30	-	
<a href="#">objects/</a>	2023-04-01 05:30	-	
<a href="#">packed-refs</a>	2023-04-01 05:30	112	
<a href="#">refs/</a>	2023-04-01 05:30	-	

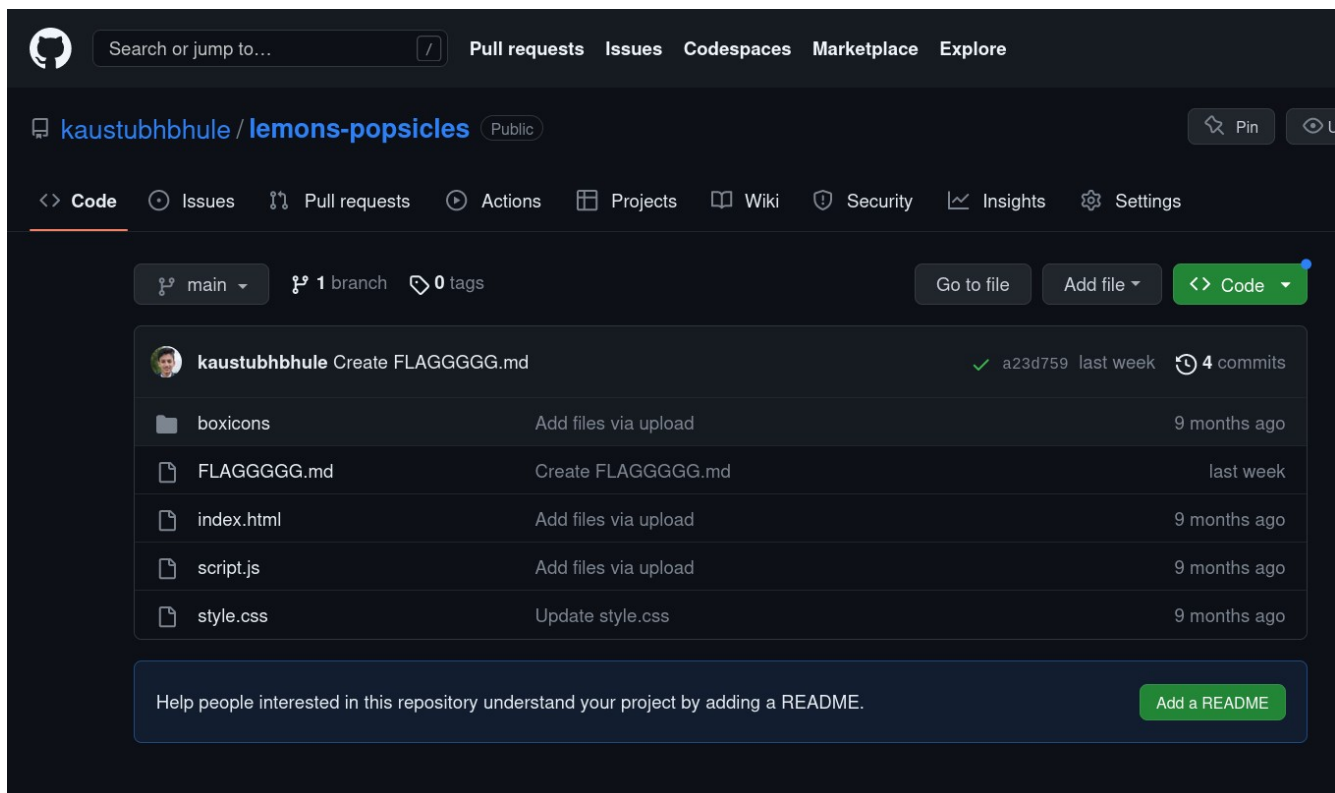
Apache/2.4.52 (Ubuntu) Server at ch540118123.ch.eng.run Port 80

**Step 4:** Check the **config** file for getting the github repository link.

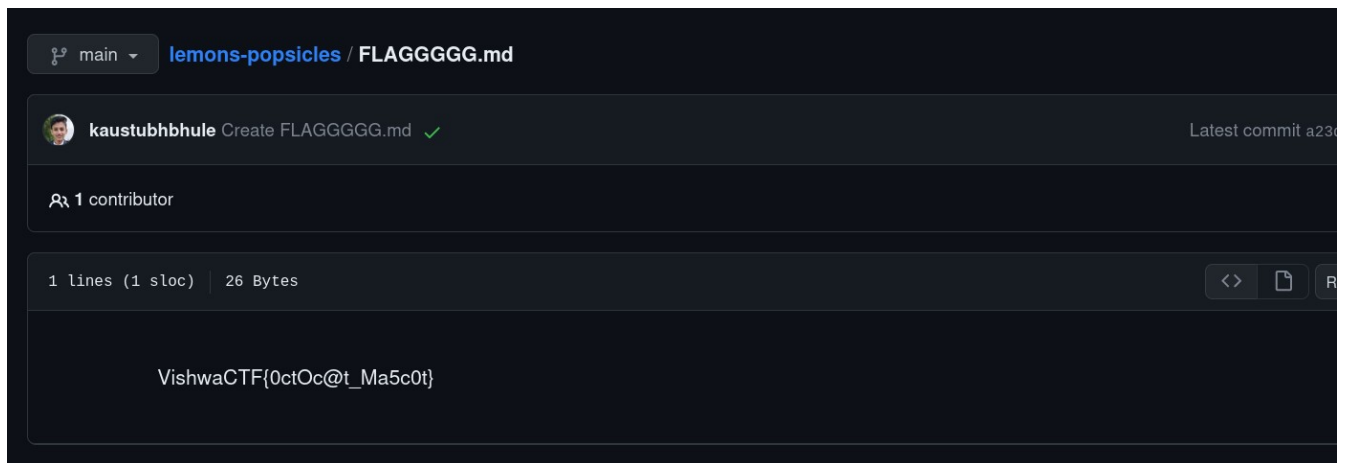
```
ch540118123.ch.eng.run/.git/config

[core]
    repositoryformatversion = 0
    filemode = true
    bare = false
    logallrefupdates = true
[remote "origin"]
    url = https://github.com/kaustubhbhule/lemons-popsicles
    fetch = +refs/heads/*:refs/remotes/origin/*
[branch "main"]
    remote = origin
    merge = refs/heads/main
```

**Step 5:** Visit the github repository link you found and open the *FLAGGGGG.md*.



**Step 6:** You got the flag! Flag is **VishwaCTF{0ctOc@t\_Ma5c0t}**



The screenshot shows a GitHub interface for a file named `FLAGGGGG.md` in the repository `lemons-popsicles`. The file is on the `main` branch. The commit history shows a single commit by `kaustubhbhule` titled "Create FLAGGGGG.md" with a green checkmark. The file statistics indicate it is 1 line (1 sloc) and 26 Bytes. The file content is displayed in a dark-themed editor, showing the flag `VishwaCTF{0ctOc@t_Ma5c0t}`. The interface includes a search bar, a contributors section, and a file explorer on the right.

```
main | lemons-popsicles / FLAGGGGG.md
```

kaustubhbhule Create FLAGGGGG.md ✓ Latest commit a23d...

1 contributor

1 lines (1 sloc) | 26 Bytes

VishwaCTF{0ctOc@t\_Ma5c0t}