Write-Up Zitf

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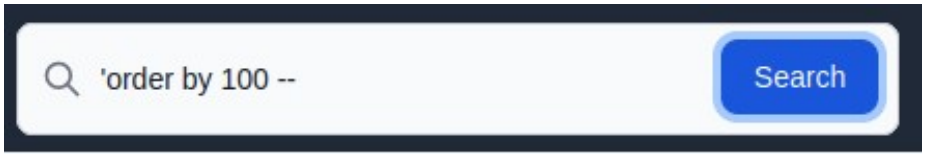
11 March 2023

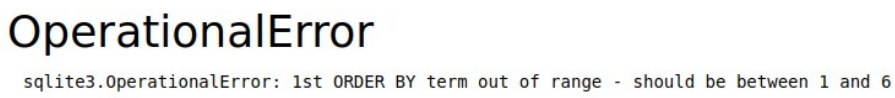
1 Web challenges that I solved

1.1 MovieDB

The first thing we see that seems interesting to exploit is the search bar. Let's try a classic sql injection that will surely cause an error due to its large number



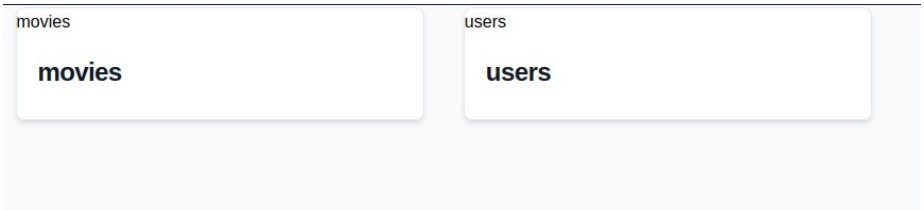
First injection



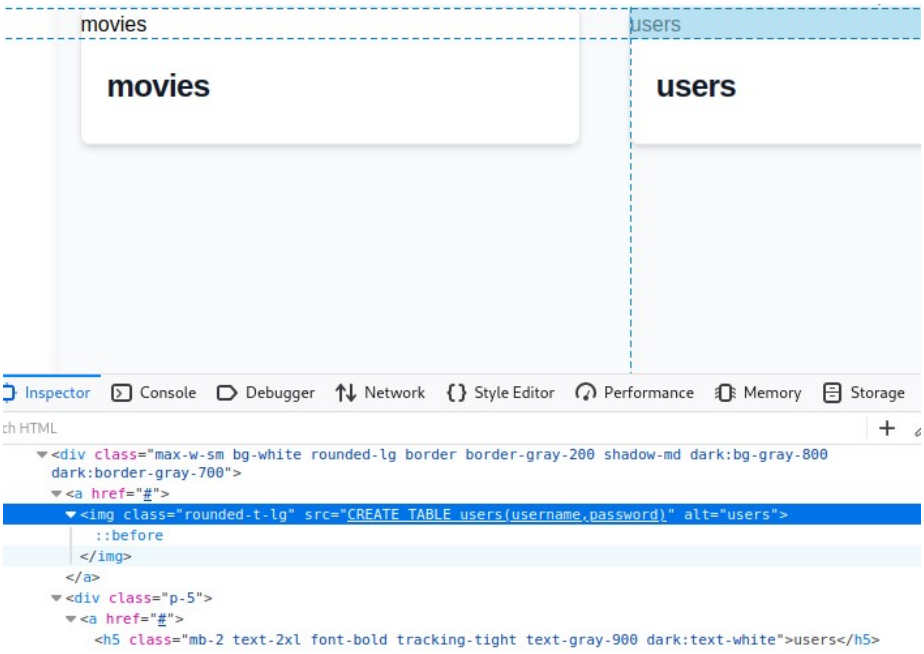
Consequence of the injection

Now we have a precious information, the DBMS is sqlite3, we can adapt our injections to it. Let's try a more serious injection :

```
'union select name,sql,null,null,null,null from sqlite_master where type='table' --;
```

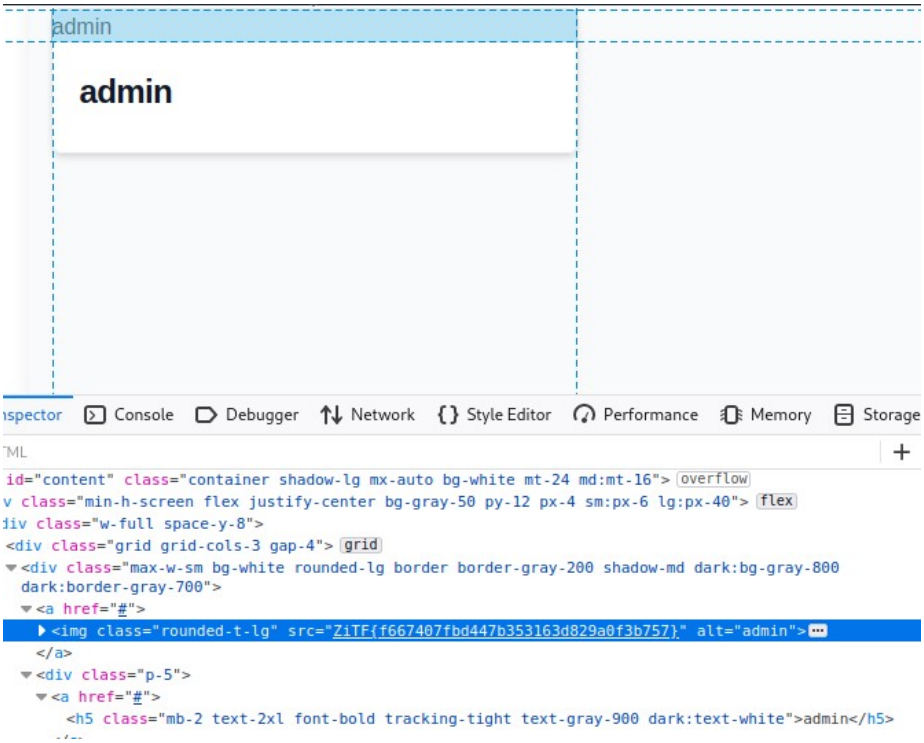


I put some null values in the injection for testing by adding a null until it doesn't print the error "SELECTs to the left and right of UNION do not have the same number of result columns". The goal was to have the same number of columns with the select executed in the site for searching movies.



The trick here was to pay attention to the source code because some interesting sql code (create table ...) was there, we get the names of the columns and we'll simply do a final injection to get the data that we want from users, result in the next page :

```
'union select username,password,null,null,null,null from users --
```



Flagged ! ZiTF{eLcVAVdDEfNmLjLEWGqF} in the source code