

Documentation - Level 4

What is SQL?

SQL is a programming language used to make requests to a server/database. A request in SQL is called a query.

```
SELECT * FROM table WHERE username = '$username' AND password = '$password'
```

Where `$username` and `$password` are entered by the user.

How to perform an SQL injection?

SQL injections are a type of attack that injects code directly into the SQL query. If `$username` contains an apostrophe, everything following this apostrophe will be interpreted by the server. To comment a line of code, simply use `'--'`.

```
SELECT * FROM table WHERE username = 'username' -- AND password = '$password'
```