Query Results

In this section, we will learn how to control the results output of any query.

Sorting Results

We can sort the results of any query using ORDER BY and specifying the column to sort by:

By default, the sort is done in ascending order, but we can also sort the results by ASC or DESC:

It is also possible to sort by multiple columns, to have a secondary sort for duplicate values in one column:

In case our query returns a large number of records, we can LIMIT the results to what we want only, using LIMIT and the number of records we want:

If we wanted to LIMIT results with an offset, we could specify the offset before the LIMIT count:

Note: the offset marks the order of the first record to be included, starting from 0. For the above, it starts and includes the 2nd record, and returns two values.

WHERE Clause

To filter or search for specific data, we can use conditions with the SELECT statement using the WHERE clause, to fine-tune the results:

```
Code: sql

SELECT * FROM table_name WHERE <condition>;
```

The query above will return all records which satisfy the given condition. Let us look at an example:

The example above selects all records where the value of id is greater than 1. As we can see, the first row with its id as 1 was skipped from the output. We can do something similar for usernames:

The query above selects the record where the username is admin. We can use the UPDATE statement to update certain records that meet a specific condition.

Note: String and date data types should be surrounded by single quote (') or double quotes ("), while numbers can be used directly.

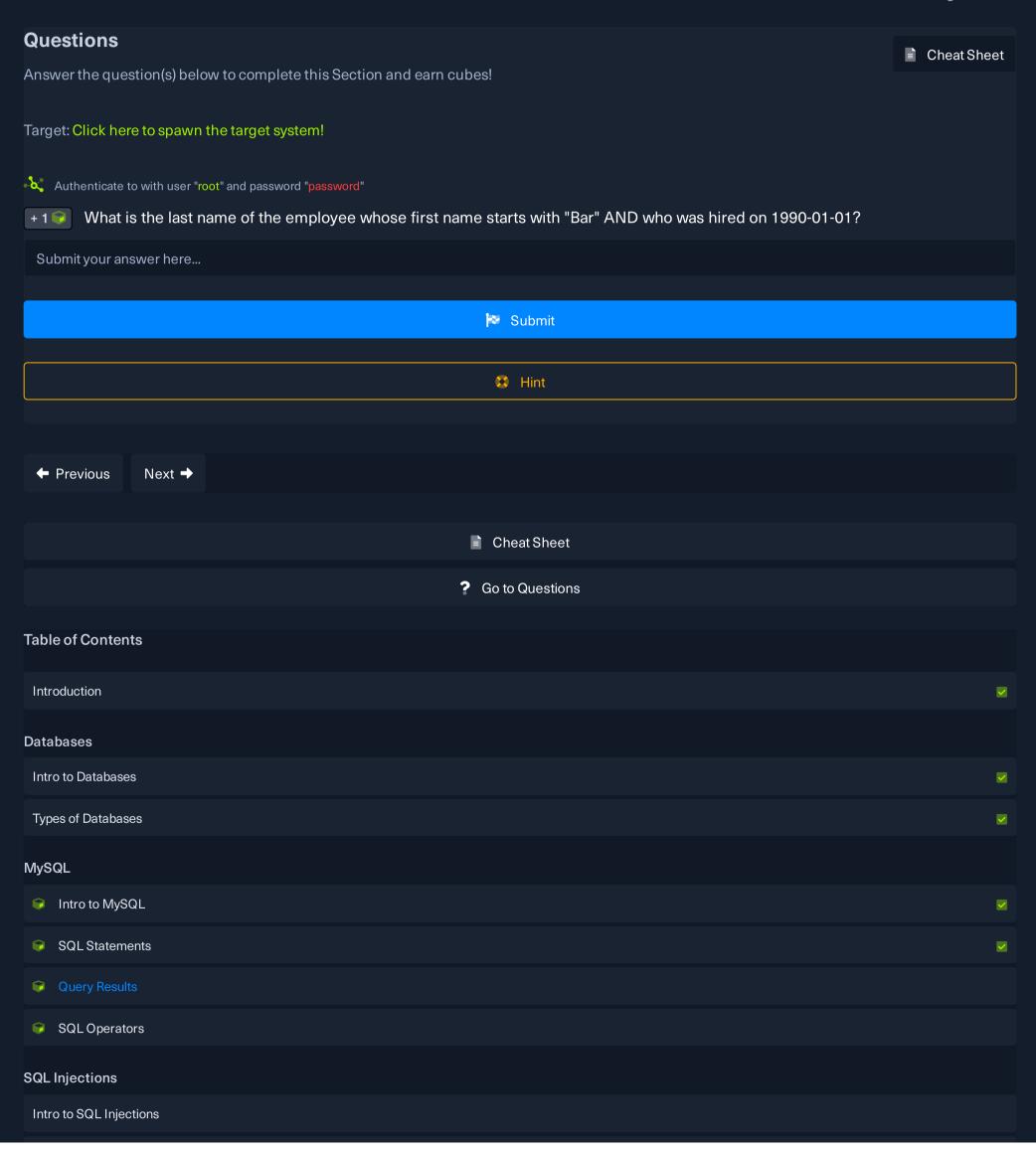
LIKE Clause

Another useful SQL clause is LIKE, enabling selecting records by matching a certain pattern. The query below retrieves all records with usernames starting with admin:

The % symbol acts as a wildcard and matches all characters after admin. It is used to match zero or more characters. Similarly, the _ symbol is used to match exactly one character. The below query matches all usernames with exactly three characters in them, which in this case was tom:

Start Instance 1 / 1 spawns left

Waiting to start...



Subverting Query Logic	
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My Workstation	
	OFFLINE
	Start Instance
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