

SQL Exercise: Basic CASE Statements - Step 1

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Daily XP 0

Exercise

Basic CASE statements

What is your favorite team?

The *European Soccer Database* contains data about 12,800 matches from 11 countries played between 2011-2015! Throughout this course, you will be shown filtered versions of the tables in this database in order to better explore their contents.

In this exercise, you will identify matches played between *FC Schalke 04* and *FC Bayern Munich*. There are 2 teams identified in each match in the `hometeam_id` and `awayteam_id` columns, available to you in the filtered `matches_germany` table. ID can join to the `team_api_id` column in the `teams_germany` table, but you cannot perform a join on both at the same time.

However, you can perform this operation using a `CASE` statement once you've identified the `team_api_id` associated with each team!

Instructions 1/2

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- Select the team's long name and API id from the `teams_germany` table.
- Filter the query for *FC Schalke 04* and *FC Bayern Munich* using `IN`, giving you the `team_api_ids` needed for the next step.

Take Hint (-15 XP)

query.sql

Light Mode

```
1 SELECT
2   -- Select the team long name and team API id
3   ---
4   ---
5 FROM ---
6   -- Only include FC Schalke 04 and FC Bayern Munich
7 WHERE team_long_name IN ('FC Schalke 04', 'FC Bayern Munich');
```

Run Code Submit Answer

query result

matches_germany teams_germany

No query executed yet...

Showing 0 out of 0 rows

Question: Select the team's long name and API ID from the 'teams_germany' table. Filter the query for 'FC Schalke 04' and 'FC Bayern Munich' using IN, giving you the 'team_api_ids' needed for the next step.

Correct Answer:

SQL Query:

```
SELECT team_long_name, team_api_id
```

```
FROM teams_germany
```

```
WHERE team_long_name IN ('FC Schalke 04', 'FC Bayern Munich');
```

Explanation:

- The query selects the 'team_long_name' and 'team_api_id' columns from the 'teams_germany' table.
- The 'WHERE' clause uses the IN operator to filter the rows for the specified teams: 'FC Schalke 04' and 'FC Bayern Munich'.
- This query retrieves the API IDs associated with the specified teams, which can then be used in further queries.