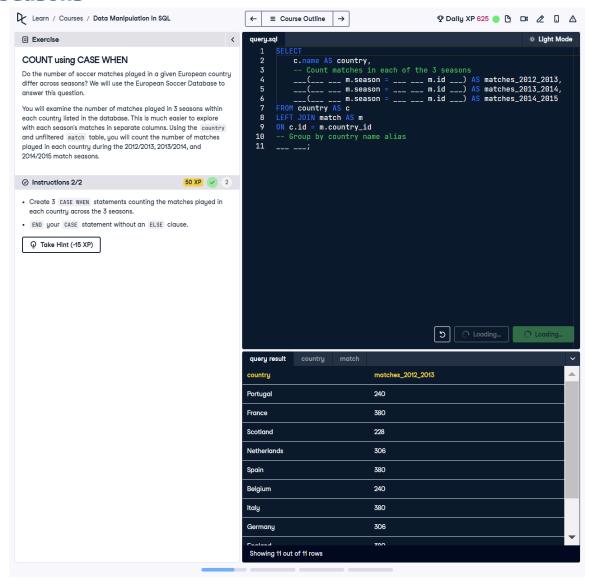
SQL Exercise: COUNT Using CASE WHEN Across Seasons



Question: Create 3 CASE WHEN statements counting the matches played in each country across the 3 seasons. END your CASE statement without an ELSE clause.

Correct Answer: SQL Query: SELECT

c.name AS country,

-- Count matches in each of the 3 seasons

COUNT(CASE WHEN m.season = '2012/2013' THEN m.id END) AS matches 2012 2013,

COUNT(CASE WHEN m.season = '2013/2014' THEN m.id END) AS matches_2013_2014,

COUNT(CASE WHEN m.season = '2014/2015' THEN m.id END) AS matches_2014_2015
FROM country AS c
LEFT JOIN match AS m
ON c.id = m.country_id
-- Group by country name alias
GROUP BY country;

Explanation:

- The query selects the country name (`c.name`) and aliases it as `country` for grouping.
- Three separate `CASE WHEN` statements are used to count matches (`m.id`) for each specific season: '2012/2013', '2013/2014', and '2014/2015'.
- Since there is no `ELSE` clause, matches outside these seasons are automatically excluded from the count.
- The `LEFT JOIN` ensures all countries are included, even if they have no matches in the dataset.
- The `GROUP BY` clause groups the results by country, ensuring the counts are calculated per country for each season.