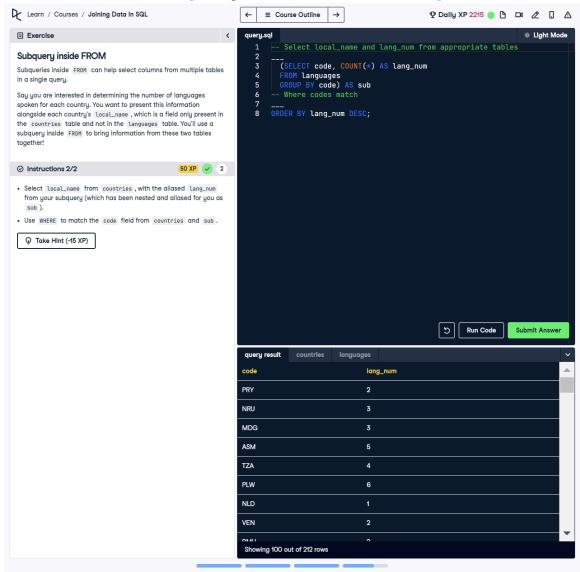
SQL Exercise: Subquery Inside FROM - Step 2



Question: Select 'local_name' from 'countries', with the aliased 'lang_num' from your subquery (which has been nested and aliased for you as 'sub'). Use WHERE to match the 'code' field from 'countries' and 'sub'.

Correct Answer:
SQL Query:
SELECT countries.local_name, sub.lang_num
FROM countries
JOIN (
SELECT code, COUNT(*) AS lang_num

FROM languages
GROUP BY code
) AS sub
ON countries.code = sub.code
ORDER BY sub.lang num DESC;

Explanation:

- The query uses a subquery inside the FROM clause to count the number of languages spoken in each country, aliased as 'lang_num'.
- The subquery is joined with the 'countries' table using the JOIN clause, matching 'code' from both tables.
- The SELECT statement retrieves the 'local_name' from the 'countries' table and 'lang num' from the subquery.
- The ORDER BY clause sorts the results by 'lang_num' in descending order to display countries with the highest number of languages first.