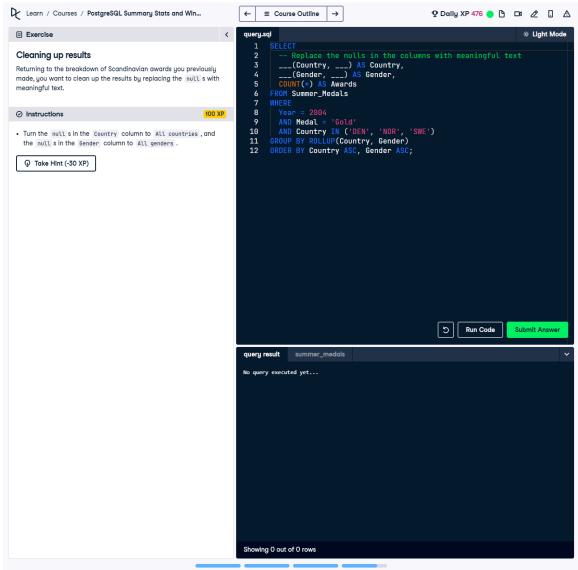
Cleaning Up Results - Correct Answer



Returning to the breakdown of Scandinavian awards you previously made, you want to clean up the results by replacing the nulls with meaningful text. Turn the null in the Country column to 'All countries', and the null in the Gender column to 'All genders'.

Correct Answer

SELECT

-- Replace the nulls in the columns with meaningful text COALESCE(Country, 'All countries') AS Country, COALESCE(Gender, 'All genders') AS Gender,

```
COUNT(*) AS Awards
FROM Summer_Medals
WHERE
Year = 2004
AND Medal = 'Gold'
AND Country IN ('DEN', 'NOR', 'SWE')
GROUP BY ROLLUP(Country, Gender)
ORDER BY Country ASC, Gender ASC;
```

Explanation

- 1. **Purpose:** Clean up null values in the output by replacing them with meaningful text.
- 2. **Replacing Null Values:**
- `COALESCE(Country, 'All countries')`: Replaces nulls in the `Country` column with 'All countries'.
- `COALESCE(Gender, 'All genders')`: Replaces nulls in the `Gender` column with 'All genders'.
- 3. **Filtering Criteria:**
 - Year = 2004: Focuses on medals awarded in 2004.
 - `Medal = 'Gold'`: Includes only gold medals.
- `Country IN ('DEN', 'NOR', 'SWE')`: Filters results to Denmark, Norway, and Sweden.
- 4. **Using ROLLUP for Subtotals:**
- `GROUP BY ROLLUP(Country, Gender)`: Generates group-level subtotals for:
 - `(Country, Gender)`: Counts by both country and gender.
 - `(Country)`: Subtotals by country.
 - `()`: The grand total.
- 5. **Sorting Results:** Results are ordered alphabetically by country and gender.