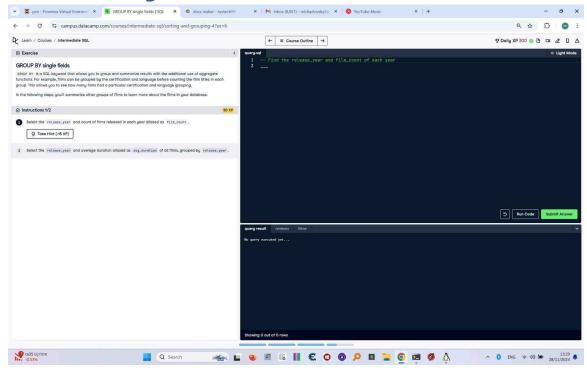
GROUP BY Single Fields



Question

- 1. Select the release_year and count of films released in each year aliased as film count.
- 2. Select the release_year and average duration aliased as avg_duration of all films, grouped by release_year.

Answer

- -- Step 1: Find the release_year and film_count of each year SELECT release_year, COUNT(*) AS film_count FROM films
 GROUP BY release year;
- -- Step 2: Find the release_year and avg_duration of films grouped by release_year SELECT release_year, AVG(duration) AS avg_duration FROM films GROUP BY release year;

Code Explanation

- 1. SELECT release_year, COUNT(*) AS film_count FROM films GROUP BY release year:
 - SELECT release year: Selects the release year column.

- COUNT(*): Counts the number of films for each release year.
- AS film_count: Assigns the alias 'film_count' to the count result.
- GROUP BY release_year: Groups the rows by the release year to aggregate the count.
- 2. SELECT release_year, AVG(duration) AS avg_duration FROM films GROUP BY release year:
 - SELECT release year: Selects the release year column.
- AVG(duration): Calculates the average duration of films for each release year.
 - AS avg_duration: Assigns the alias 'avg_duration' to the average result.
- $GROUP\ BY\ release_year$: Groups the rows by the release year to calculate the average.