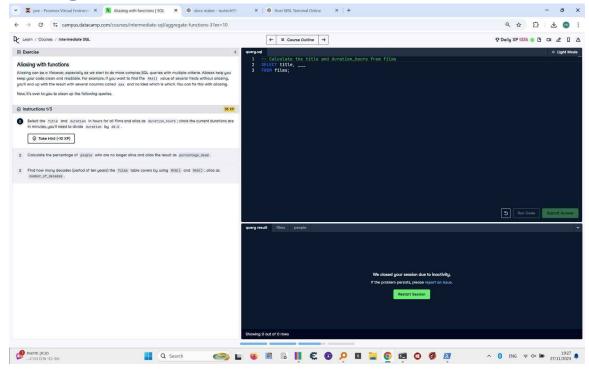
Aliasing with Functions (Corrected)



Question

- 1. Select the title and duration in hours for all films and alias as duration_hours; since the current durations are in minutes, you'll need to divide duration by 60.0.
- 2. Calculate the percentage of people who are no longer alive and alias the result as percentage dead.
- 3. Find how many decades (period of ten years) the films table covers by using MIN() and MAX(); alias as number_of_decades.

Answer

- -- Step 1: Calculate the title and duration_hours SELECT title, duration / 60.0 AS duration_hours FROM films;
- -- Step 2: Calculate the percentage of people who are no longer alive SELECT COUNT(deathdate) * 100.0 / COUNT(*) AS percentage_dead FROM people;
- -- Step 3: Calculate the number of decades covered in the films table SELECT (MAX(release_year) MIN(release_year)) / 10 AS number_of_decades FROM films:

Code Explanation

- 1. SELECT title, duration / 60.0 AS duration_hours: Selects the 'title' column and divides 'duration' by 60.0 to convert minutes into hours, assigning the result the alias 'duration hours'.
- 2. FROM films: Specifies the 'films' table as the data source.
- 3. SELECT COUNT(deathdate) * 100.0 / COUNT(*) AS percentage_dead: Counts the number of people with a deathdate (i.e., those who are no longer alive) and calculates the percentage by dividing by the total count of people and multiplying by 100.
- 4. FROM people: Specifies the 'people' table as the data source.
- 5. SELECT (MAX(release_year) MIN(release_year)) / 10 AS number_of_decades: Finds the range of years in the films table by subtracting the minimum release_year from the maximum release_year, dividing the result by 10 to calculate decades, and assigning the alias 'number of decades'.
- 6. FROM films: Specifies the 'films' table as the data source.