SQL Assessments :

Exercise 1 — Tasks

1. Find the **title** of each film ✓

2. Find the **director** of each film ✓

3. Find the **title** and **director** of each film ✓

4. Find the **title** and **year** of each film ✓

5. Find **all** the information about each film ✓

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continue ›

Exercise 2 — Tasks

1. Find the movie with a row `id` of 6 ✓

2. Find the movies released in the `year`s between 2000 and 2010 ✓

3. Find the movies **not** released in the `year`s between 2000 and 2010 ✓

4. Find the first 5 Pixar movies and their release `year` ✓

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continue ›

Exercise 3 — Tasks

1. Find all the Toy Story movies ✓

2. Find all the movies directed by John Lasseter ✓

3. Find all the movies (and director) not directed by John Lasseter ✓

4. Find all the WALL-* movies ✓

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continue ›

Exercise 4 — Tasks

1. List all directors of Pixar movies (alphabetically), without duplicates ✓

2. List the last four Pixar movies released (ordered from most recent to least) ✓

3. List the **first** five Pixar movies sorted alphabetically ✓

4. List the **next** five Pixar movies sorted alphabetically ✓

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continue ›

Review 1 — Tasks

1. List all the Canadian cities and their populations ✓

2. Order all the cities in the United States by their latitude from north to south ✓

3. List all the cities west of Chicago, ordered from west to east ✓

4. List the two largest cities in Mexico (by population) ✓

5. List the third and fourth largest cities (by population) in the United States and their population ✓

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continue ›

Exercise 6 — Tasks

1. Find the domestic and international sales for each movie ✓

2. Show the sales numbers for each movie that did better internationally rather than domestically ✓

3. List all the movies by their ratings in descending order ✓

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continue ›

Exercise 7 — Tasks

1. Find the list of all buildings that have employees ✓

2. Find the list of all buildings and their capacity ✓

3. List all buildings and the distinct employee roles in each building (including empty buildings) ✓

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continue ›

Exercise 8 — Tasks

1. Find the name and role of all employees who have not been assigned to a building ✓

2. Find the names of the buildings that hold no employees ✓

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continue ›

Exercise 9 — Tasks

1. List all movies and their combined sales in **millions** of dollars ✓

2. List all movies and their ratings **in percent** ✓

3. List all movies that were released on even number years ✓

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continue ›

Exercise 10 — Tasks

1. Find the longest time that an employee has been at the studio ✓

2. For each role, find the average number of years employed by employees in that role ✓

3. Find the total number of employee years worked in each building ✓

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continue ›

Exercise 11 — Tasks

1. Find the number of Artists in the studio (without a **HAVING** clause) ✓

2. Find the number of Employees of each role in the studio ✓

3. Find the total number of years employed by all Engineers ✓

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continue ›

Exercise 12 — Tasks

1. Find the number of movies each director has directed ✓

2. Find the total domestic and international sales that can be attributed to each director ✓

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continue ›

Exercise 13 — Tasks

1. Add the studio's new production, **Toy Story 4** to the list of movies (you can use any director) ✓

2. Toy Story 4 has been released to critical acclaim! It had a rating of **8.7**, and made **340 million domestically** and **270 million internationally**. Add the record to the `BoxOffice` table. ✓

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continue ›

Exercise 14 — Tasks

1. The director for A Bug's Life is incorrect, it was actually directed by **John Lasseter** √

2. The year that Toy Story 2 was released is incorrect, it was actually released in **1999** √

3. Both the title and director for Toy Story 8 is incorrect! The title should be "Toy Story 3" and it was directed by **Lee Unkrich** √

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continue ›

Exercise 15 — Tasks

1. This database is getting too big, lets remove all movies that were released **before** 2005.
   ✓

2. Andrew Stanton has also left the studio, so please remove all movies directed by him. ✓

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continue ›

Exercise 16 — Tasks

1. Create a new table named **Database** with the following columns:
   – **Name** A string (text) describing the name of the database
   – **Version** A number (floating point) of the latest version of this database
   – **Download_count** An integer count of the number of times this database was downloaded

   This table has no constraints. ✓

Solve all tasks to continue to the next lesson.

Continue ›

Exercise 17 — Tasks

1. Add a column named **Aspect_ratio** with a **FLOAT** data type to store the aspect-ratio each movie was released in. ✓

2. Add another column named **Language** with a **TEXT** data type to store the language that the movie was released in. Ensure that the default for this language is **English**. ✓

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continue ›

Exercise 18 — Tasks

1. We've sadly reached the end of our lessons, lets clean up by removing the **Movies** table ✓

2. And drop the **BoxOffice** table as well ✓

Stuck? Read this task's Solution.
Solve all tasks to continue to the next lesson.

Continue ›

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