

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 ✓

```
SELECT title FROM movies;
SELECT director FROM movies;
SELECT title,director FROM movies;
SELECT title,year FROM movies;
SELECT * FROM movies;
```

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**

```
SELECT * FROM movies where (id = 6)
SELECT title, year FROM movies
SELECT title, year FROM movies WHERE year NOT BETWEEN 2000 AND 2010;WHERE
    year BETWEEN 2000 AND 2010;
SELECT title, year FROM movies WHERE ID BETWEEN 1 AND 5 ;
|
```

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 ✓

```
SELECT title, director FROM movies WHERE title LIKE "Toy Story%";
SELECT title, director FROM movies WHERE director = "John Lasseter";
SELECT title, director FROM movies WHERE NOT director = "John Lasseter";
SELECT * FROM movies WHERE title LIKE "WALL-";
|
```

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 ✓

```
SELECT DISTINCT Director from Movies ORDER BY Director ASC
SELECT title, year FROM movies ORDER BY year DESC LIMIT 4;
SELECT title FROM movies ORDER BY title ASC LIMIT 5;
SELECT title FROM movies ORDER BY title ASC LIMIT 5 offset 5;
|
```

Review 1 — Tasks

1. List all the Canadian cities and their populations ✓
2. Order all the cities in the United States by the 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 ✓

```
SELECT city, population FROM north_american_cities WHERE country = "Canada";
```

```
SELECT city, latitude FROM north_american_cities WHERE country = "United States" ORDER BY latitude DESC;
```

```
SELECT city, longitude FROM north_american_cities WHERE longitude < -87.629798 ORDER BY longitude ASC;
```

```
SELECT city, population FROM north_american_cities WHERE country LIKE "Mexico" ORDER BY population DESC LIMIT 2;
```

```
SELECT city, population FROM north_american_cities WHERE country LIKE "United states" ORDER BY population DESC LIMIT 2 offset 2 ;
```