

1. Find the **title** of each film

Table: Movies

Title
Toy Story
A Bug's Life
Toy Story 2
Monsters, Inc.
Finding Nemo
The Incredibles
Cars
Ratatouille
WALL-E
Up

```
SELECT title FROM movies;
```

RESET

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.

Finish above Tasks

Next – [SQL Lesson 2: Queries with constraints \(Pt. 1\)](#) Find SQLBolt useful? Please consider

2. Find the director of each film

Table: Movies

Director
John Lasseter
John Lasseter
John Lasseter
Pete Docter
Andrew Stanton
Brad Bird
John Lasseter
Brad Bird
Andrew Stanton
Pete Docter

```
SELECT director FROM movies;
```

RESET

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.

Finish above Tasks

3. Find the title and director of each film

Table: Movies

Title	Director
Toy Story	John Lasseter
A Bug's Life	John Lasseter
Toy Story 2	John Lasseter
Monsters, Inc.	Pete Docter
Finding Nemo	Andrew Stanton
The Incredibles	Brad Bird
Cars	John Lasseter
Ratatouille	Brad Bird
WALL-E	Andrew Stanton
Up	Pete Docter

`SELECT title,director FROM movies;`

RESET

Exercise 1 — Tasks

- Find the **title** of each film ✓
- Find the **director** of each film ✓
- Find the **title** and **director** of each film ✓
- Find the **title** and **year** of each film
- Find **all** the information about each film

Stuck? Read this task's [Solution](#).
Solve all tasks to continue to the next lesson.

Finish above Tasks

4. Find the title and year of each film

Table: Movies

Title	Year
Toy Story	1995
A Bug's Life	1998
Toy Story 2	1999
Monsters, Inc.	2001
Finding Nemo	2003
The Incredibles	2004
Cars	2006
Ratatouille	2007
WALL-E	2008
Up	2009

`SELECT title,year FROM movies;`

RESET

Exercise 1 — Tasks

- Find the **title** of each film ✓
- Find the **director** of each film ✓
- Find the **title** and **director** of each film ✓
- Find the **title** and **year** of each film ✓
- Find **all** the information about each film

Stuck? Read this task's [Solution](#).
Solve all tasks to continue to the next lesson.

Finish above Tasks

5. Find all the information about each film

Table: Movies

Id	Title	Director	Year	Length_minutes
6	The Incredibles	Brad Bird	2004	116

`SELECT * FROM movies where id = 6;`

RESET

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.

Finish above Tasks

6. Find the movie with a row id of 6

Table: Movies

Id	Title	Director	Year	Length_minutes
6	The Incredibles	Brad Bird	2004	116

`SELECT * FROM movies where id = 6;`

RESET

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.

Finish above Tasks

7. Find the movies released in the years between 2000 and 2010

Table: Movies

Id	Title	Director	Year	Length_minutes
4	Monsters, Inc.	Pete Docter	2001	92
5	Finding Nemo	Andrew Stanton	2003	107
6	The Incredibles	Brad Bird	2004	116
7	Cars	John Lasseter	2006	117
8	Ratatouille	Brad Bird	2007	115
9	WALL-E	Andrew Stanton	2008	104
10	Up	Pete Docter	2009	101
11	Toy Story 3	Lee Unkrich	2010	103

Exercise 2 — Tasks

- Find the movie with a row `id` of 6 ✓
- Find the movies released in the `year` s between 2000 and 2010 ✓
- Find the movies **not** released in the `year` s between 2000 and 2010
- 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.

Finish above Tasks

```
SELECT * FROM movies where year between 2000 AND 2010;
```

RESET

8. Find the movies not released in the years between 2000 and 2010

Table: Movies

Id	Title	Director	Year	Length_minutes
1	Toy Story	John Lasseter	1995	81
2	A Bug's Life	John Lasseter	1998	95
3	Toy Story 2	John Lasseter	1999	93
12	Cars 2	John Lasseter	2011	120
13	Brave	Brenda Chapman	2012	102
14	Monsters University	Dan Scanlon	2013	110

Exercise 2 — Tasks

- Find the movie with a row `id` of 6 ✓
- Find the movies released in the `year` s between 2000 and 2010 ✓
- Find the movies **not** released in the `year` s between 2000 and 2010 ✓
- 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.

Finish above Tasks

```
SELECT * FROM movies where year not between 2000 AND 2010;
```

RESET

9. Find the first 5 Pixar movies and their release year

Table: Movies

Id	Title	Director	Year	Length_minutes
1	Toy Story	John Lasseter	1995	81
2	A Bug's Life	John Lasseter	1998	95
3	Toy Story 2	John Lasseter	1999	93
4	Monsters, Inc.	Pete Docter	2001	92
5	Finding Nemo	Andrew Stanton	2003	107

Exercise 2 — Tasks

- Find the movie with a row **id** of 6 ✓
- Find the movies released in the **year** s between 2000 and 2010 ✓
- Find the movies **not** released in the **year** s between 2000 and 2010 ✓
- 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 ›

RESET

`SELECT * from movies WHERE year LIMIT 5;`

10. Find all the Toy Story movies

Table: Movies

Title
Toy Story
Toy Story 2
Toy Story 3

Exercise 3 — Tasks

- Find all the Toy Story movies ✓
- Find all the movies directed by John Lasseter
- Find all the movies (and director) not directed by John Lasseter
- Find all the WALL-* movies

Stuck? Read this task's [Solution](#).
Solve all tasks to continue to the next lesson.

Finish above Tasks

RESET

`SELECT title FROM movies WHERE title LIKE "Toy Story%";`

11. Find all the movies directed by John Lasseter

Table: Movies

Title
Toy Story
A Bug's Life
Toy Story 2
Cars
Cars 2

Exercise 3 — Tasks

- Find all the Toy Story movies ✓
- Find all the movies directed by John Lasseter ✓
- Find all the movies (and director) not directed by John Lasseter
- Find all the WALL-* movies

Stuck? Read this task's [Solution](#).
Solve all tasks to continue to the next lesson.

Finish above Tasks

```
SELECT title FROM movies where director = 'John Lasseter';
```

RESET

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

Table: Movies

Title	Director
Monsters, Inc.	Pete Docter
Finding Nemo	Andrew Stanton
The Incredibles	Brad Bird
Ratatouille	Brad Bird
WALL-E	Andrew Stanton
Up	Pete Docter
Toy Story 3	Lee Unkrich
Brave	Brenda Chapman
Monsters University	Dan Scanlon
WALL-G	Brenda Chapman

Exercise 3 — Tasks

- Find all the Toy Story movies ✓
- Find all the movies directed by John Lasseter ✓
- Find all the movies (and director) not directed by John Lasseter ✓
- Find all the WALL-* movies

Stuck? Read this task's [Solution](#).
Solve all tasks to continue to the next lesson.

Finish above Tasks

```
SELECT title, director FROM movies where director != 'John Lasseter';
```

RESET

13. Find all the WALL-* movies

Table: Movies

Title
WALL-E
WALL-G

Exercise 3 — Tasks

- Find all the Toy Story movies ✓
- Find all the movies directed by John Lasseter ✓
- Find all the movies (and director) not directed by John Lasseter ✓
- Find all the WALL-* movies ✓

Stuck? Read this task's [Solution](#).
Solve all tasks to continue to the next lesson.

Continue >

```
SELECT title FROM movies where title like 'WALL%';
```

RESET

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

Table: Movies

Director
Andrew Stanton
Brad Bird
Brenda Chapman
Dan Scanlon
John Lasseter
Lee Unkrich
Pete Docter

Exercise 4 — Tasks

- List all directors of Pixar movies (alphabetically), without duplicates ✓
- List the last four Pixar movies released (ordered from most recent to least)
- List the **first** five Pixar movies sorted alphabetically
- List the **next** five Pixar movies sorted alphabetically

Stuck? Read this task's [Solution](#).
Solve all tasks to continue to the next lesson.

Finish above Tasks

```
SELECT DISTINCT director FROM movies ORDER BY director;
```

RESET

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

Table: Movies

Title

Monsters University

Brave

Cars 2

Toy Story 3

SELECT DISTINCT title FROM movies ORDER BY year DESC LIMIT 4;

RESET

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.

Finish above Tasks

16. List the first five Pixar movies sorted alphabetically

Table: Movies

Title

A Bug's Life

Brave

Cars

Cars 2

Finding Nemo

SELECT title FROM movies ORDER BY title LIMIT 5;

RESET

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.

Finish above Tasks

17. List the next five Pixar movies sorted alphabetically

Table: Movies

Title
Monsters University
Monsters, Inc.
Ratatouille
The Incredibles
Toy Story

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 >

```
SELECT title FROM movies ORDER BY title LIMIT 5 OFFSET 5;
```

RESET

18. List all the Canadian cities and their populations

Table: North_american_cities

City	Population
Toronto	2795060
Montreal	1717767

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.

Finish above Tasks

```
SELECT city, population FROM north_american_cities where country = 'Canada';
```

RESET

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

Table: North_american_cities

City
Chicago
New York
Philadelphia
Los Angeles
Phoenix
Houston

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

RESET

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.

Finish above Tasks

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

Table: North_american_cities

City
Los Angeles
Phoenix
Guadalajara
Mexico City
Ecatepec de Morelos
Houston

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

RESET

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.

Finish above Tasks

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

Table: North_american_cities

City
Mexico City
Ecatepec de Morelos

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.

Finish above Tasks

```
SELECT city FROM north_american_cities where country = 'Mexico' order by population desc limit 2;
```

RESET

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

Table: North_american_cities

City
Chicago
Houston

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 ›

```
SELECT city FROM north_american_cities WHERE country = 'United States' order by population desc limit 2 offset 2;
```

RESET

23. Find the domestic and international sales for each movie

4	Monsters, Inc.	Pete Docter	2001	92	12	6.4	191452396
5	Finding Nemo	Andrew Stanton	2003	107	3	7.9	245852179
6	The Incredibles	Brad Bird	2004	116	6	8	261441092

Query Results

Title	Domestic_sales	International_sales
Finding Nemo	380843261	555900000
Monsters University	268492764	475066843
Ratatouille	206445654	417277164
Cars 2	191452396	368400000
Toy Story 2	245852179	239163000
The Incredibles	261441092	370001000
WALL-E	223808164	297503696
Toy Story 3	415004880	648167031
Toy Story	191796233	170162503
Cars	244082982	217900167

```
select title, domestic_sales, international_sales from movies inner join
boxoffice on movies.id = boxoffice.movie_id;
```

Exercise 6 — Tasks

- Find the domestic and international sales for each movie ✓
- Show the sales numbers for each movie that did better internationally rather than domestically
- 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.

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

5	Finding Nemo	Andrew Stanton	2003	107	3	7.9	245852179
6	The Incredibles	Brad Bird	2004	116	6	8	261441092

Query Results

Title	Domestic_sales	International_sales
Finding Nemo	380843261	555900000
Monsters University	268492764	475066843
Ratatouille	206445654	417277164
Cars 2	191452396	368400000
The Incredibles	261441092	370001000
WALL-E	223808164	297503696
Toy Story 3	415004880	648167031
Up	293004164	438338580
A Bug's Life	162798565	200600000
Brave	237283207	301700000

```
select title, domestic_sales, international_sales from movies inner join
boxoffice on movies.id = boxoffice.movie_id where international_sales >
domestic_sales;
```

Exercise 6 — Tasks

- Find the domestic and international sales for each movie ✓
- Show the sales numbers for each movie that did better internationally rather than domestically ✓
- 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.

Finish above Tasks

25. List all the movies by their ratings in descending order

5	Finding Nemo	Andrew Stanton	2003	107	5	7.9	243632119	239105000
6	The Incredibles	Brad Bird	2004	116	6	8	261441092	370001000

Query Results

Title	Rating
WALL-E	8.5
Toy Story 3	8.4
Toy Story	8.3
Up	8.3
Finding Nemo	8.2
Monsters, Inc.	8.1
Ratatouille	8
The Incredibles	8
Toy Story 2	7.9
Monsters University	7.4

```
select title, rating from movies inner join boxoffice on movies.id =
boxoffice.movie_id order by rating desc;
```

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 ›