

MYSQL queries 101

1) Find the title of each film

Ans: `SELECT title FROM movies`

2) Find the director of each film

Ans: `SELECT director FROM movies`

3) Find the title and director of each film

Ans: `SELECT title, director FROM movies;`

4) Find the title and each year of the film

Ans: `SELECT title, year FROM movies;`

5) Find all the information about each film

Ans: `SELECT * FROM movies;`

6) Find the movie with a row id of 6

Ans: `SELECT * FROM movies WHERE rowid = 6;`

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

Ans: `SELECT* FROM movies WHERE Year BETWEEN 2000 AND 2010`

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

Ans: `SELECT* FROM movies WHERE Year NOT BETWEEN 2000 AND 2010`

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

Ans: `SELECT Title, Year`

`FROM movies`

`WHERE Director = 'John Lasseter'`

`ORDER BY Year`

`LIMIT 5;`

10) Find all the Toy Story movies

Ans: `SELECT * FROM MOVIES WHERE Title LIKE '%Toy Story%'`

11) Find all the movies directed by John Lasseter

Ans: `SELECT * FROM MOVIES WHERE Director LIKE '%john Lasseter%'`

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

Ans: `SELECT * FROM MOVIES WHERE Director NOT LIKE '%john Lasseter%'`

13) Find all the WALL movies

Ans: `SELECT * FROM MOVIES WHERE Title LIKE '%WALL%'`

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

Ans: `SELECT DISTINCT Director`

`FROM movies`

`ORDER BY Director ASC;`

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

Ans: `SELECT Title`

`FROM movies`

`ORDER BY Year ASC`

`LIMIT 4;`

16) List the first five Pixar movies sorted alphabetically

Ans: `SELECT Title`

`FROM movies`

`ORDER BY Title ASC`

`LIMIT 5;`

17) List the next five Pixar movies sorted alphabetically

Ans: `SELECT Title`

`FROM movies`

`ORDER BY Title ASC`

`LIMIT 5 OFFSET 5;`

18) List all the Canadian cities and their populations

Ans: `SELECT city,Population FROM North_american_cities WHERE Country='Canada';`

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

Ans: `SELECT city`

`FROM North_american_cities`

`WHERE Country='United States'`

`ORDER BY Latitude DESC`

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

Ans: `SELECT city`

FROM North_american_cities

WHERE longitude < (SELECT longitude FROM North_american_cities WHERE city = 'Chicago')

ORDER BY longitude ASC;

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

Ans: SELECT city

FROM North_american_cities

WHERE Country='Mexico'

ORDER BY Population DESC

LIMIT 2

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

Ans: SELECT city

FROM North_american_cities

WHERE Country='United States'

ORDER BY Population DESC

LIMIT 2 OFFSET 2