**SQL QUERIES TASK 27-07-20**

**EXERCISE 1**

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 year of each film

ans: SELECT Title,Year FROM movies;

5.Find all the information about each film

ans: SELECT \* FROM movies;

**EXERCISE 2**

1.Find the movie with a row id of 6

ans: SELECT \* FROM movies WHERE Id =6;

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

ans: SELECT \* FROM movies

WHERE Year BETWEEN 2000 AND 2010;

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

ans : SELECT \* FROM movies

WHERE Year NOT BETWEEN 2000 AND 2010;

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

ans: SELECT Title,Year FROM movies

WHERE Id <6;

**EXERCISE 3**

1.Find all the Toy Story movies

ans: SELECT \* FROM movies

WHERE Title LIKE "%Toy Story%";

2.Find all the movies directed by John Lasseter

ans :SELECT \* FROM movies

WHERE Director LIKE "John Lasseter";

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

ans : SELECT Title,Director FROM movies

WHERE Director not LIKE "John Lasseter";

4.Find all the WALL-\* movies

ans: SELECT \* FROM movies

WHERE Title LIKE "%WALL-%";

**EXERCISE 4**

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

ans: SELECT DISTINCT Director FROM movies

ORDER BY Director ASC;

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

ANS: SELECT \* FROM movies

ORDER BY Year DESC

LIMIT 4;

3.List the first five Pixar movies sorted alphabetically

ans: SELECT \* FROM movies

ORDER BY Title ASC

LIMIT 5;

4.List the next five Pixar movies sorted alphabetically

ans: SELECT \* FROM movies

ORDER BY Title ASC

LIMIT 5 OFFSET 5;

**REVIEW 1**

1.List all the Canadian cities and their populations

ans: SELECT City,Population FROM north\_american\_cities

WHERE Country LIKE "%Canada%";

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

ans : SELECT city, latitude FROM north\_american\_cities

WHERE country = "United States"

ORDER BY latitude DESC;

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

ans: SELECT city, longitude FROM north\_american\_cities

WHERE longitude < -87.629798

ORDER BY longitude ASC;

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

ans: SELECT \* FROM north\_american\_cities

WHERE Country="Mexico"

ORDER BY Population DESC

LIMIT 2;

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

ans: SELECT \* FROM north\_american\_cities

WHERE Country="United States"

ORDER BY Population DESC

LIMIT 2 OFFSET 2;