**SQL Lesson 1: SELECT queries 101**

**Find the title of each film**

**SELECT title FROM movies;**

**Find the director of each film**

**SELECT director FROM movies;**

**Find the title and director of each film**

**SELECT title,director FROM movies;**

**Find the title and year of each film**

**SELECT title,year FROM movies;**

**Find all the information about each film**

**SELECT \* FROM movies;**

**SQL Lesson 2: Queries with constraints (Pt. 1)**

**Find the movie with a row id of 6**

**SELECT \* FROM movies where id=6;**

**Find the movies released in the years between 2000 and 2010**

**SELECT \* FROM movies where year between 2000 and 2010;**

**Find the movies not released in the years between 2000 and 2010**

**SELECT \* FROM movies where year not between 2000 and 2010;**

**Find the first 5 Pixar movies and their release year**

**SELECT \* FROM movies where id in (1,2,3,4,5);**

**SQL Lesson 3: Queries with constraints (Pt. 2)**

**Find all the Toy Story movies**

**SELECT \* FROM movies where title like "%Toy Story%";**

**Find all the movies directed by John Lasseter**

**SELECT \* FROM movies where director="John Lasseter";**

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

**SELECT \* FROM movies where director!="John Lasseter";**

**Find all the WALL-\* movies**

**SELECT \* FROM movies where title like "WALL-%";**

**SQL Lesson 4: Filtering and sorting Query results**

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

**SELECT distinct director FROM movies order by director;**

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

**SELECT title FROM movies order by year desc limit 4;**

**List the first five Pixar movies sorted alphabetically**

**SELECT title FROM movies order by title limit 5;**

**List the next five Pixar movies sorted alphabetically**

**SELECT title FROM movies order by title limit 5 offset 5;**

**SQL Review: Simple SELECT Queries**

**List all the Canadian cities and their populations**

**SELECT city,population FROM north\_american\_cities where country='Canada';**

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

**SELECT city FROM north\_american\_cities where country="United States" order by latitude desc;**

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

**SELECT \* FROM north\_american\_cities where longitude<-87.629798 order by longitude;**

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

**SELECT \* FROM north\_american\_cities where country='Mexico' order by population desc limit 2;**

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

**SELECT \* FROM north\_american\_cities where country='United States' order by population desc limit 2 offset 2;**