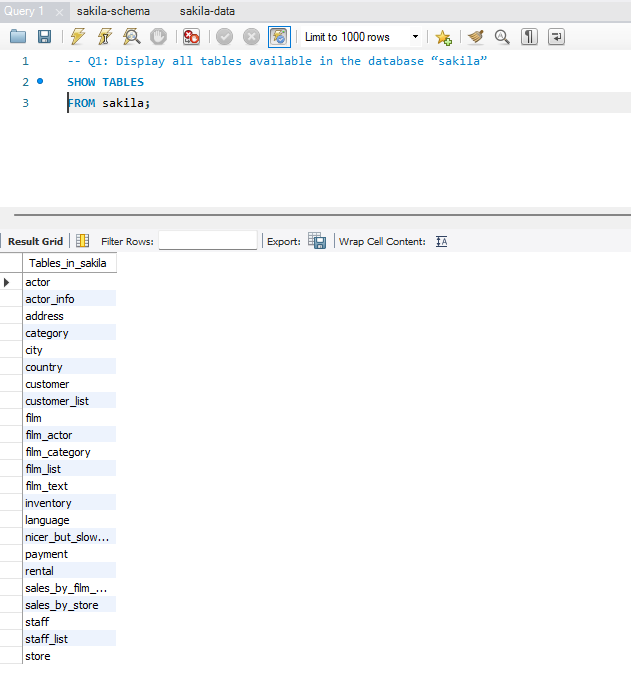
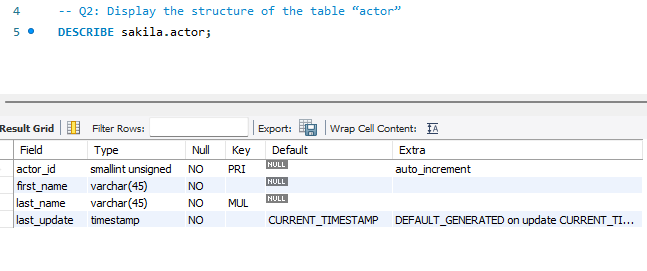
SQL Practice - Part 1

SAKILA

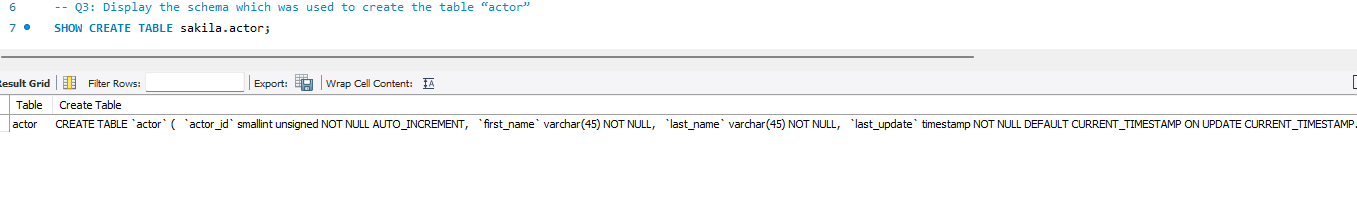
Q1 Display all tables available in the database “sakila”



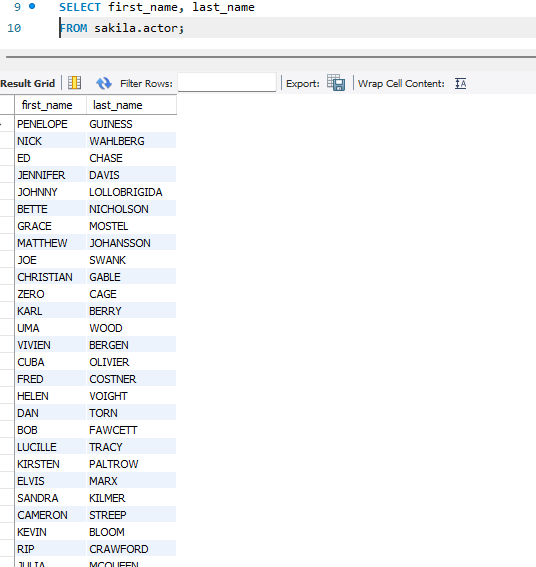
Q2 Display structure of table “actor”. (4 row)



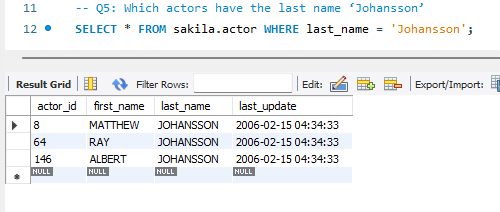
Q3 Display the schema which was used to create table “actor” and view the complete schema using the viewer. (1 row)



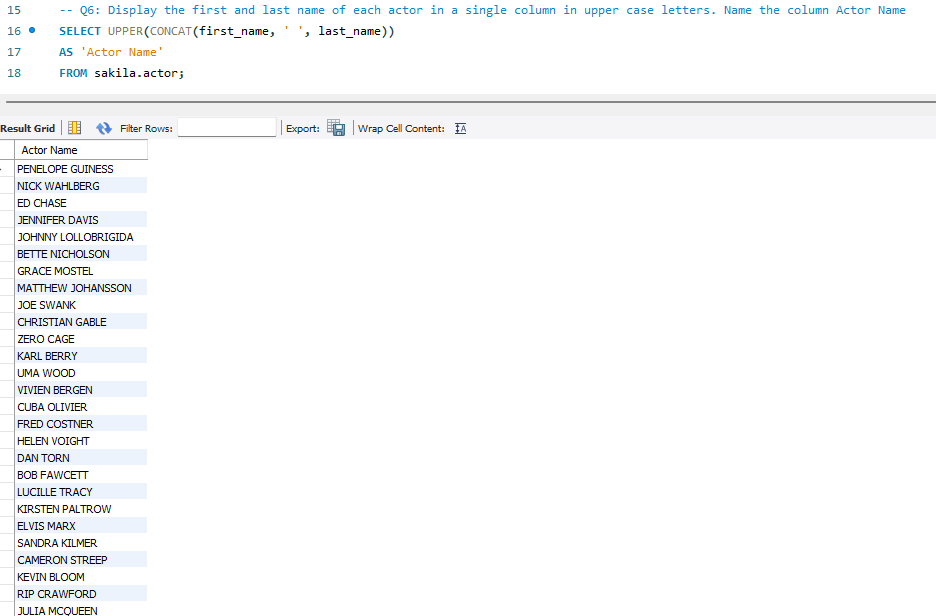
Q4 Display the first and last names of all actors from the table actor. (200 rows)



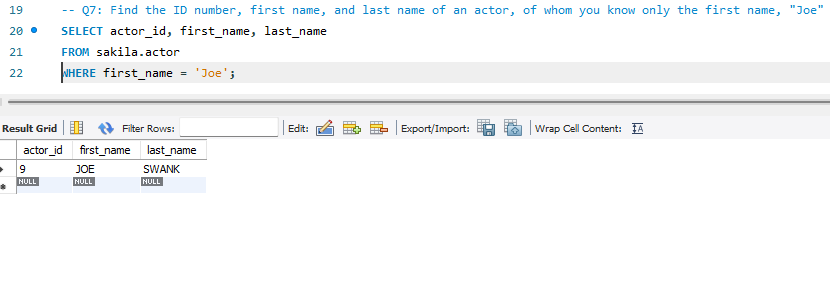
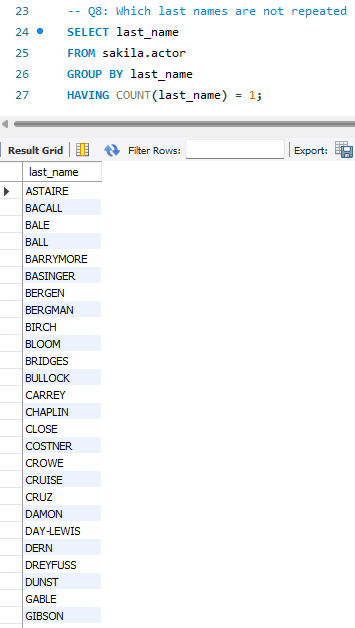
Q5 Which actors have the last name ‘Johansson’. (3 rows)



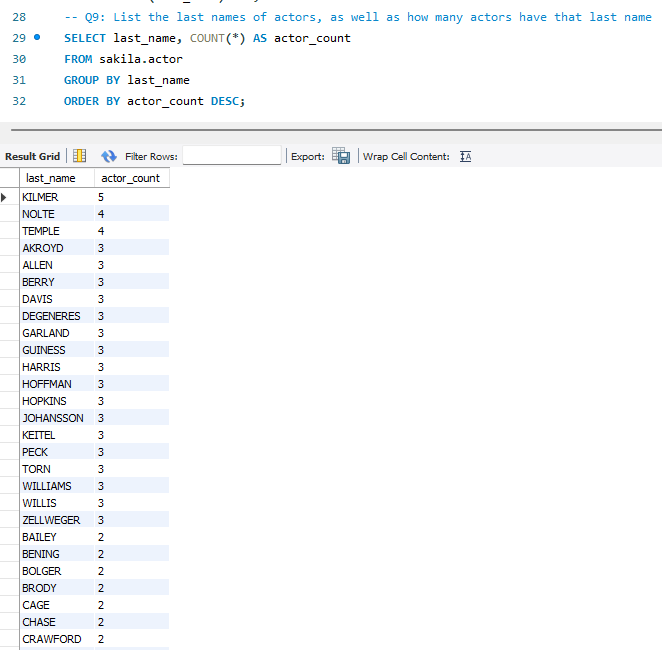
Q6 Display the first and last name of each actor in a single column in upper case letters. Name the column Actor Name. (200 rows)



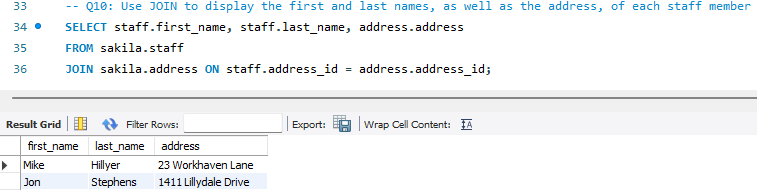
Q7 You need to find the ID number, first name, and last name of an actor, of whom you know only the first name, "Joe." What is one query would you use to obtain this information? (1 row)

Q8 Which last names are not repeated? (66 rows) 

Q9 List the last names of actors, as well as how many actors have that last

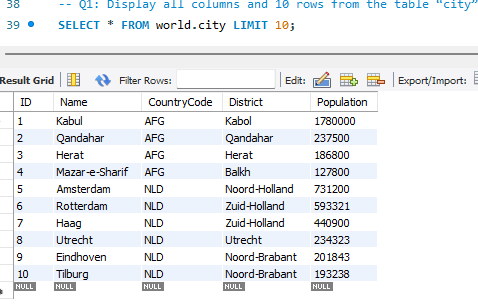


Q10 Use JOIN to display the first and last names, as well as the address, of each staff member. Use the tables “staff” and “address”. (2 rows)

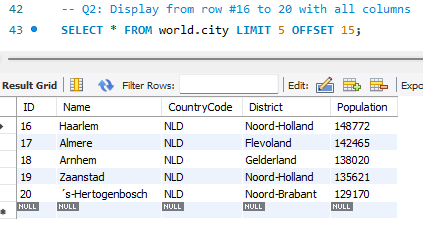


WORLD

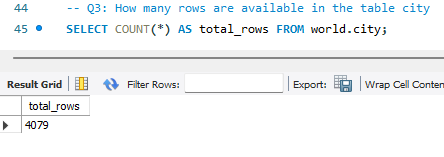
Q1 Display all columns and 10 rows from table “city”. (10 rows)



Q2 Modify the above query to display from row # 16 to 20 with all columns. (5 rows)

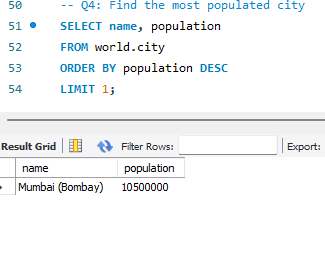


Q3 How many rows are available in the table city. (1 row)-4079.



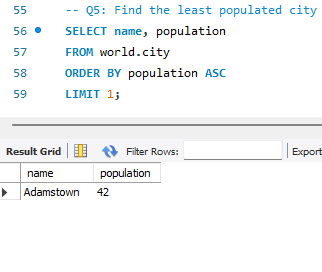
Q4 Using city table find out which is the most populated city.

('Mumbai (Bombay)', '10500000')

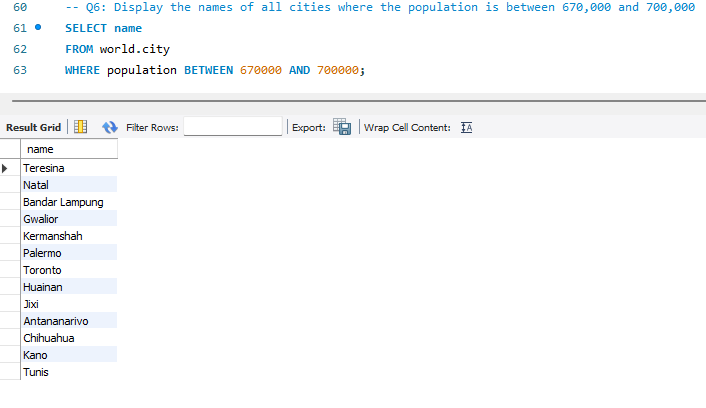


Q5 Using city table find out the least populated city.

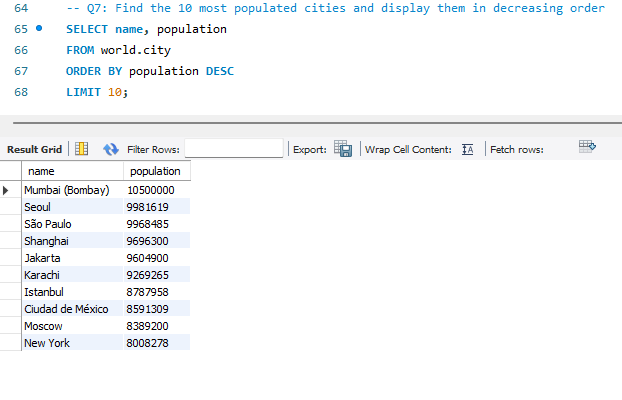
('Adamstown', '42')



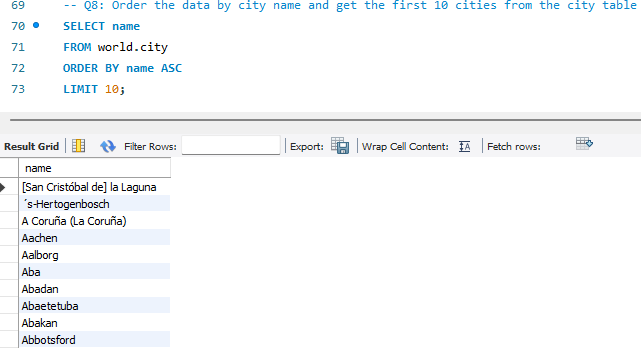
Q6 Display name of all cities where population is between 670000 to 700000. (13 rows)



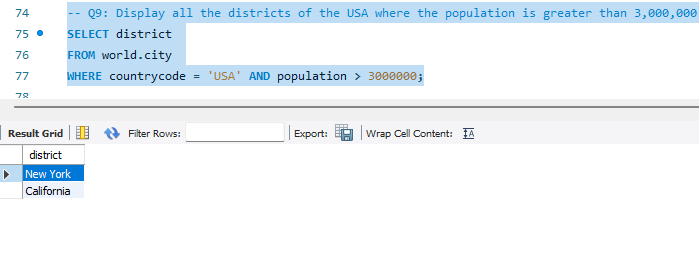
Q7 Find out 10 most populated cities and display them in a decreasing order i.e. most populated city to appear first.

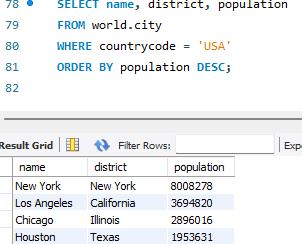


Q8 Order the data by city name and get first 10 cities from city table.



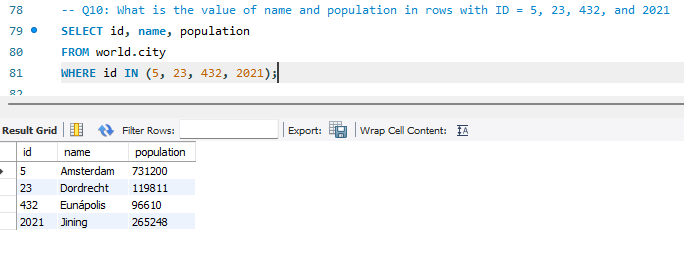
Q9 Display all the districts of USA where population is greater than 3000000, from city table. (6 rows)





Could only find 2 rows for the updated world database

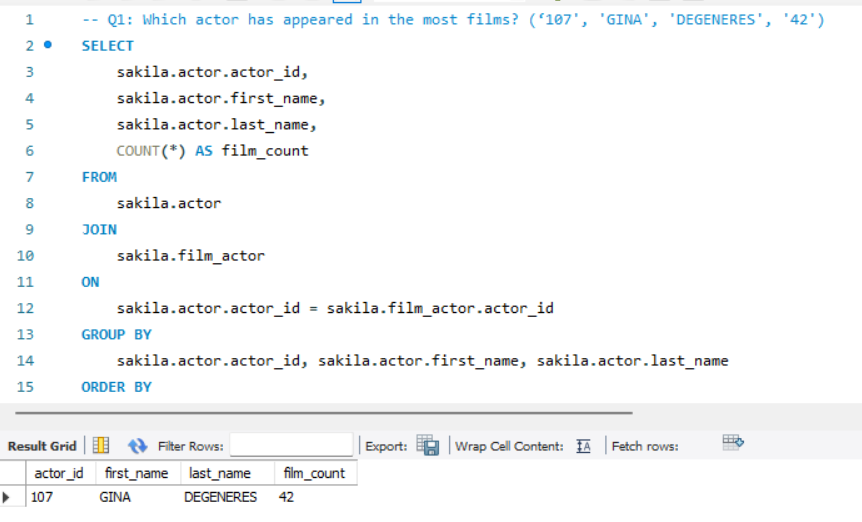
Q10 What is the value of name and population in the rows with ID =5, 23, 432 and 2021. Pl. write a single query to display the same. (4 rows).



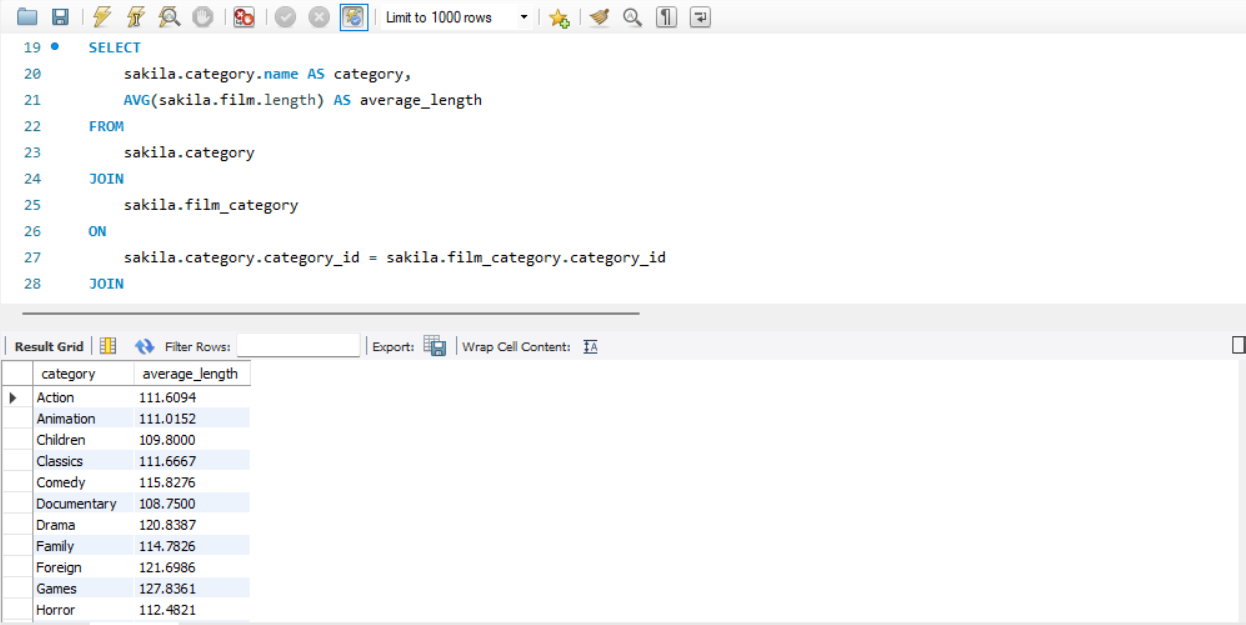
SQL Practice - Part 2

SAKILA

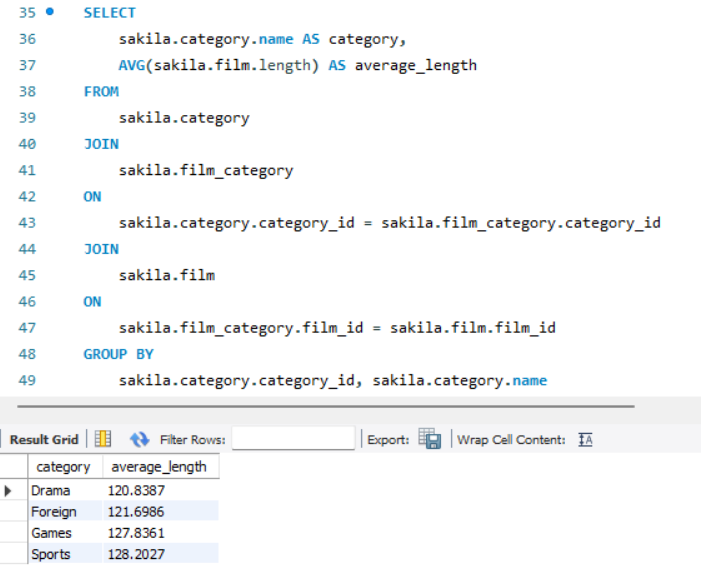
Q1 Which actor has appeared in the most films? (‘107', 'GINA', 'DEGENERES', '42')



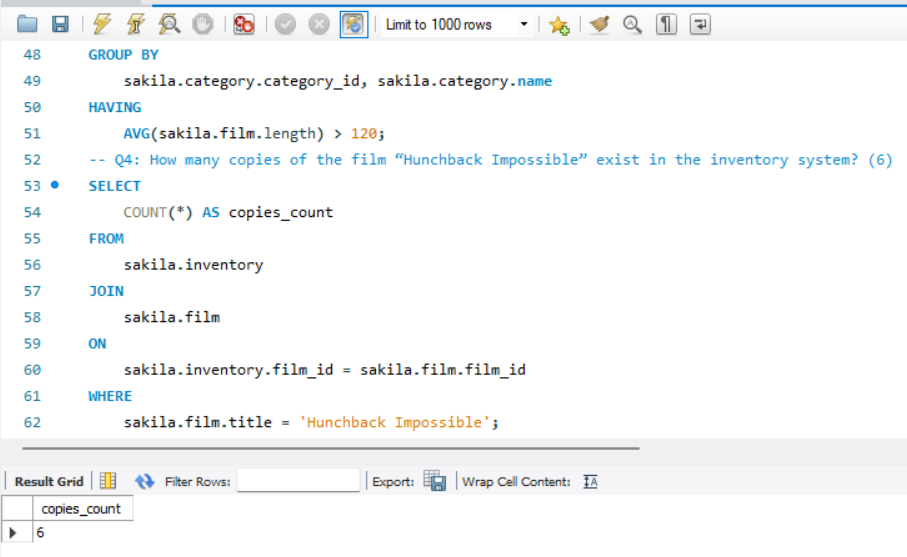
Q2 What is the average length of films by category? (16 rows)



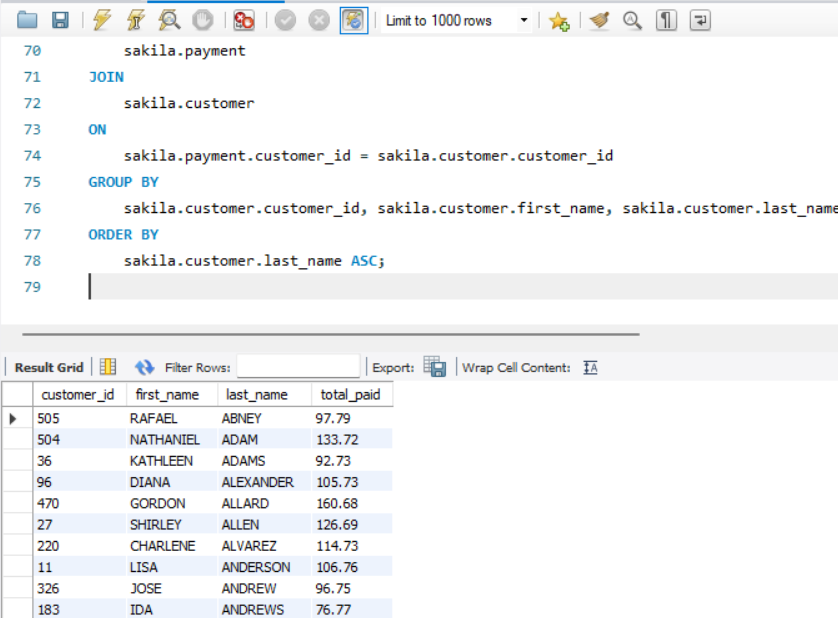
Q3 Which film categories are long? (5 rows)



Q4 How many copies of the film “Hunchback Impossible” exist in the inventory system? (6)

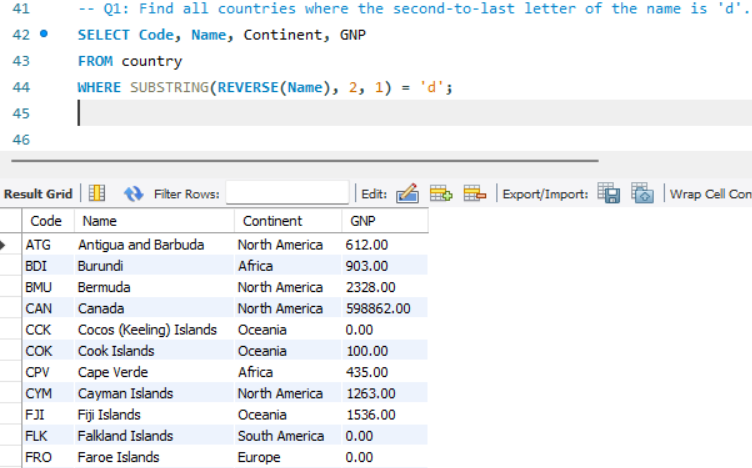


Q5 Using the tables “payment” and “customer” and the JOIN command, list the total paid by each customer. List the customers alphabetically by last name (599 rows)

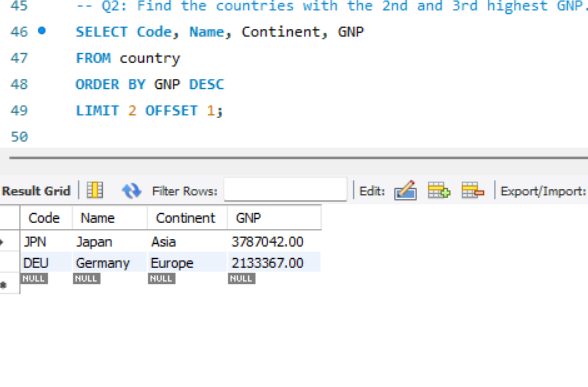


World

Q1 Write a query in SQL to display the code, name, continent and GNP for all the countries whose country name last second word is 'd’, using “country” table. (22 rows)

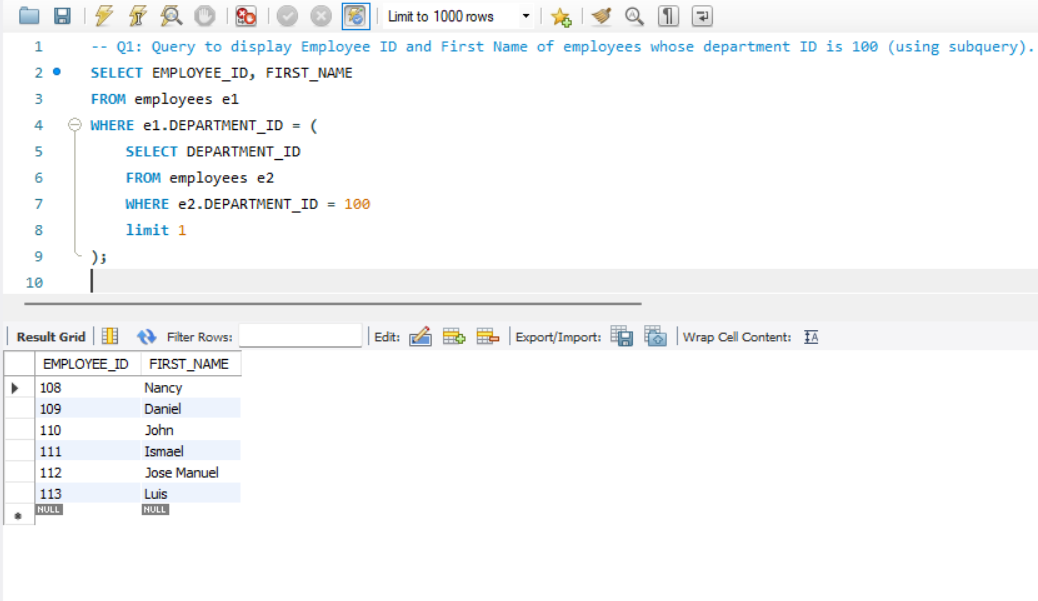


Q2 Write a query in SQL to display the code, name, continent and GNP of the 2nd and 3rd highest GNP from “country” table. (Japan & Germany)

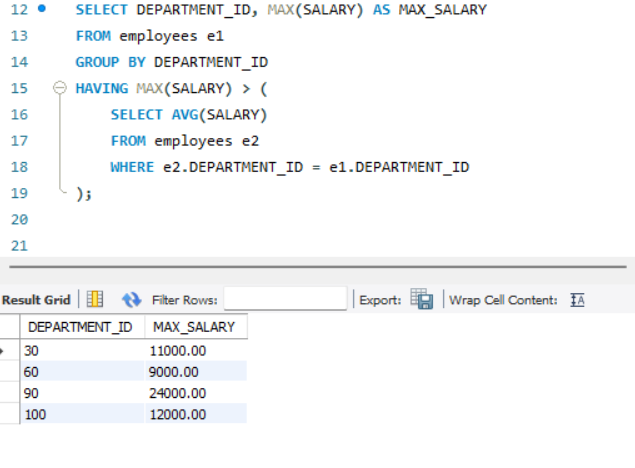


New DB tasks

Q1 Write a query to display Employee id and First Name of an employee whose dept\_id = 100. (Use:Sub-query)(6 rows)



Q2. Write a query to display the dept\_id, maximum salary, of all the departments whose maximum salary is greater than the average salary. (USE: SUB-QUERY) (11 rows)



Q3 Write a query to display department name and, department id of the employees whose salary is less than 35000. .(USE:SUB-QUERY)(11 rows)

