**mySQL Install**: <https://youtu.be/0cNOD1KMJ40>

# **Assignment: MySQL Countries**

**Queries**

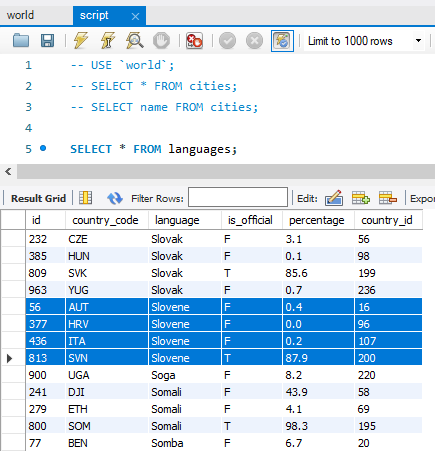
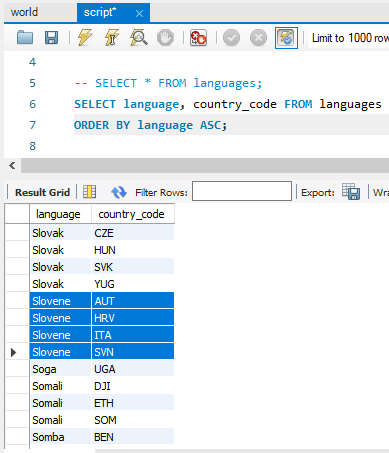
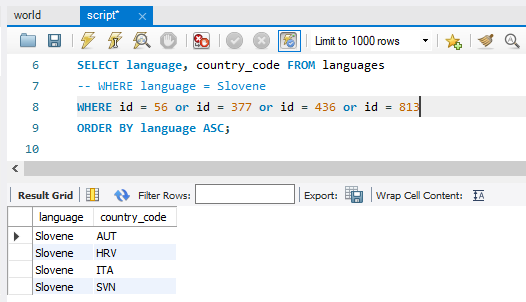
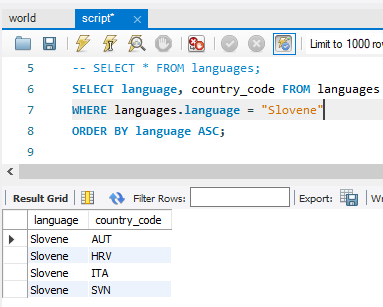
1. What query would you run to get all the **countries that speak Slovene**?

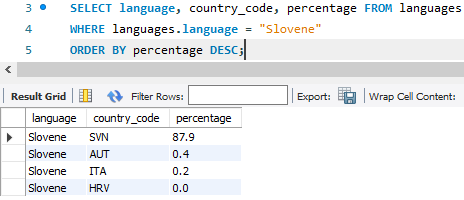
* Your query should return:
  + Name of the country
  + Language
  + Language percentage
* Your query should arrange the result by language percentage in descending order. (1)

SELECT language, country\_code, percentage FROM languages

WHERE languages.language = "Slovene"

ORDER BY percentage DESC;

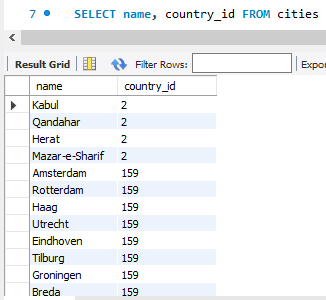


2. What query would you run to display the total number of cities for each country?

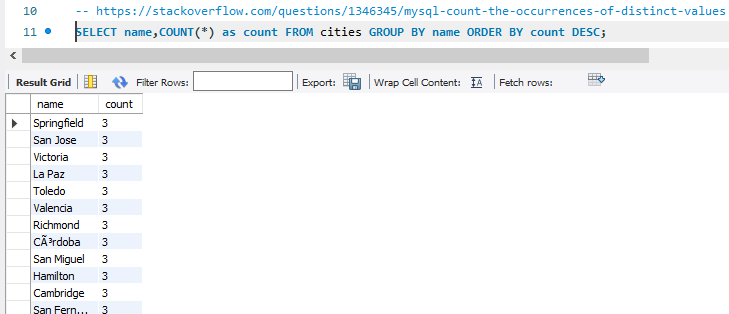
* Your query should return the name of the country and the total number of cities.
* Your query should arrange the result by the number of cities in descending order. (3)

> ...

> ...



* Name of City
* Corresponding Country



* Name of City
* Corresponding Country

3. What query would you run to get **all the cities in Mexico with a population of greater than 500,000**?

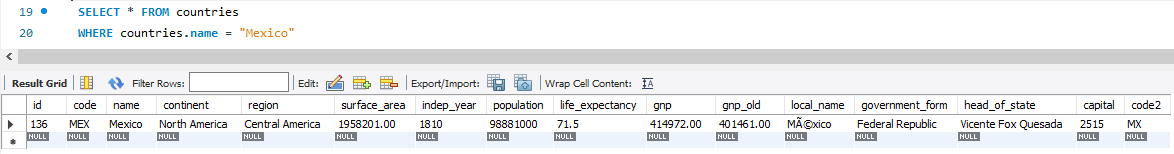
* Your query should arrange the result by population in descending order. (1)

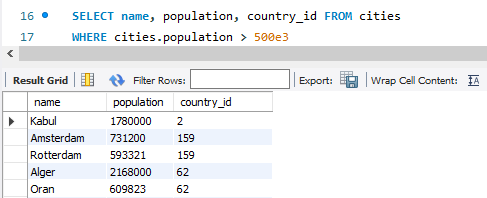
> ...

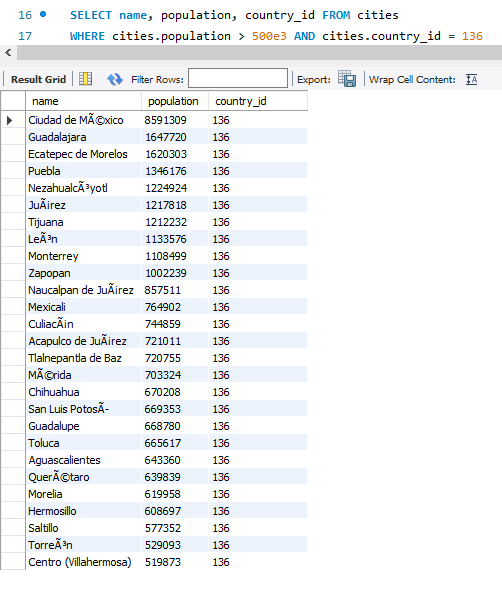
> ...

* Let’s think about this:
  + **Table**: Cities
    - **Column:** Name
    - **Column:** Population
    - **Column:** Country-ID
  + **Table**: Countries
    - **Column:** Name
    - **Column:** Country-ID





w



**Question**:

* How to do the above query without knowing the country\_id

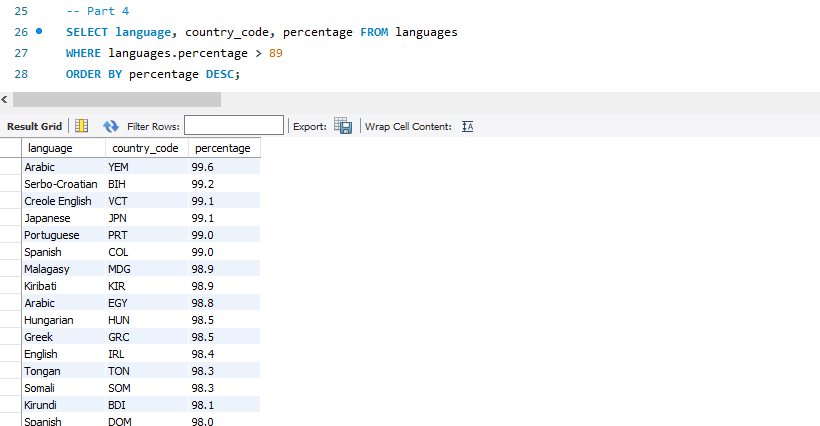
4. What query would you run to get **all languages in each country with a percentage greater than 89%**?

* Your query should arrange the result by percentage in descending order. (1)

SELECT language, country\_code, percentage FROM languages

WHERE languages.percentage > 89

ORDER BY percentage DESC;

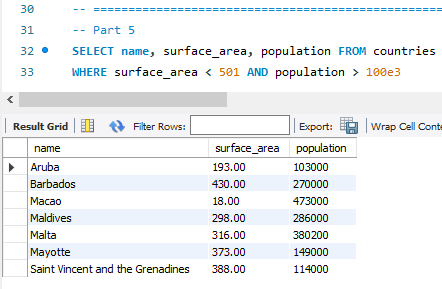


5. What query would you run to get:

* All the countries
* With Surface Area below 501
* And population greater than 100,000?

SELECT name, surface\_area, population FROM countries

WHERE surface\_area < 501 AND population > 100e3



6. What query would you run to get:

* Countries
* With only Constitutional Monarchy
* With a capital greater than 200
* And a life expectancy greater than 75 years? (1)

> ...

> ...



7. What query would you run to get all the cities of Argentina inside the Buenos Aires district and have the population greater than 500, 000?

* The query should return the Country Name, City Name, District and Population. (2)

> ...

> ...

8. What query would you run to summarize the number of countries in each region?

* The query should display the name of the region and the number of countries.
* Also, the query should arrange the result by the number of countries in descending order. (2)