3 Use Cases (Tutorial 8)

Started: 2 Nov at 20:46



Quiz instructions

Purpose

Databases are queried and updated to ensure they help us find accurate information. These activities help us understand how to extract information from a database.

Edit View Insert Format Tools Table

This is an individual assessment worth 5% of your final mark.

Unit learning outcomes

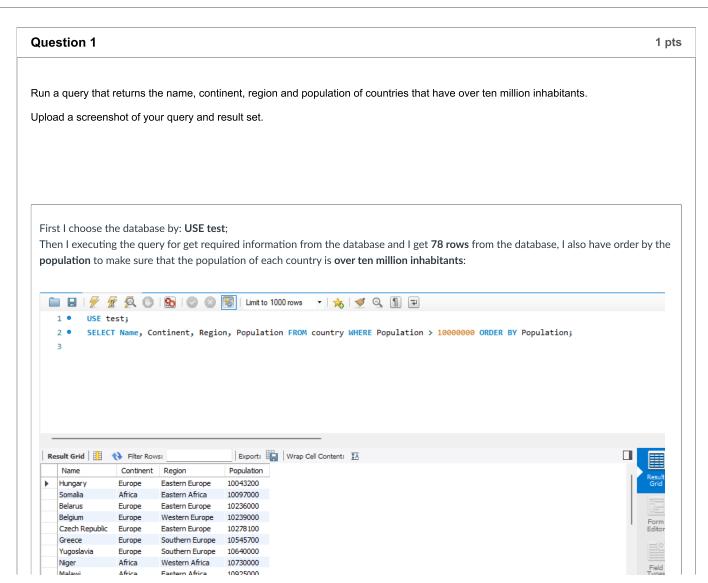
- 1. Apply a design thinking approach to understand and solve a stakeholder problem.
- 3. Apply ethical, professonal and technical considerations in the development of the project (data management) solution.
- 5. Identify project-related skills requirements, locate suitable resources and acquire the appropriate skills mostly independently.

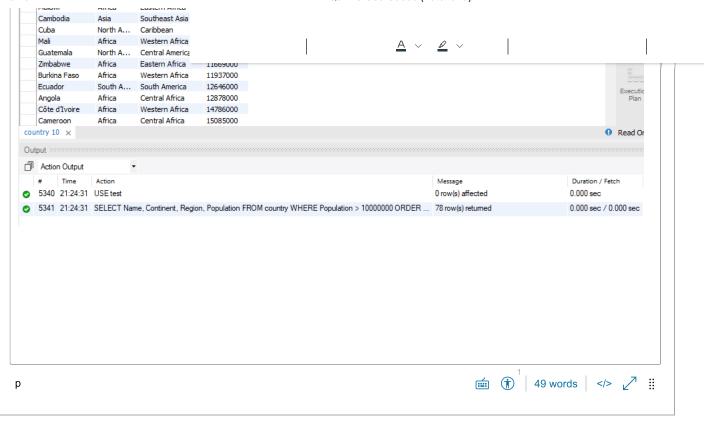
Graduate Attributes

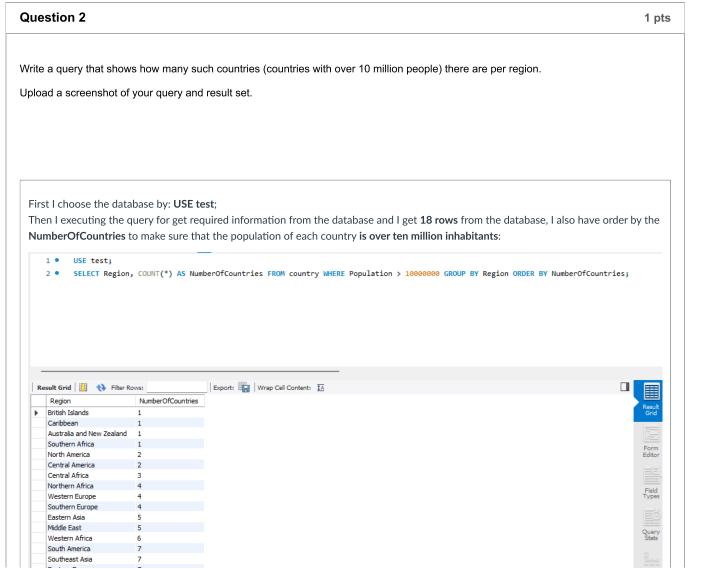
- Communication 1 Verbal communication
- Digital literacies 1 Information literacy
- Digital Literacies 2 Technical literacy

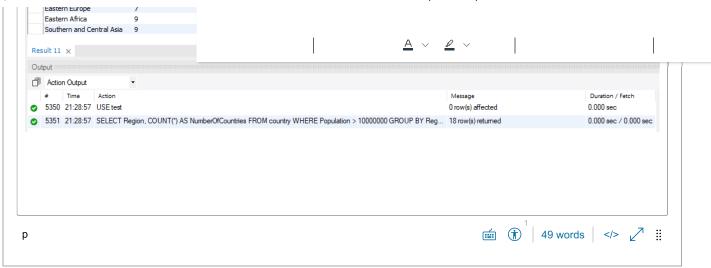
Submission Requirements

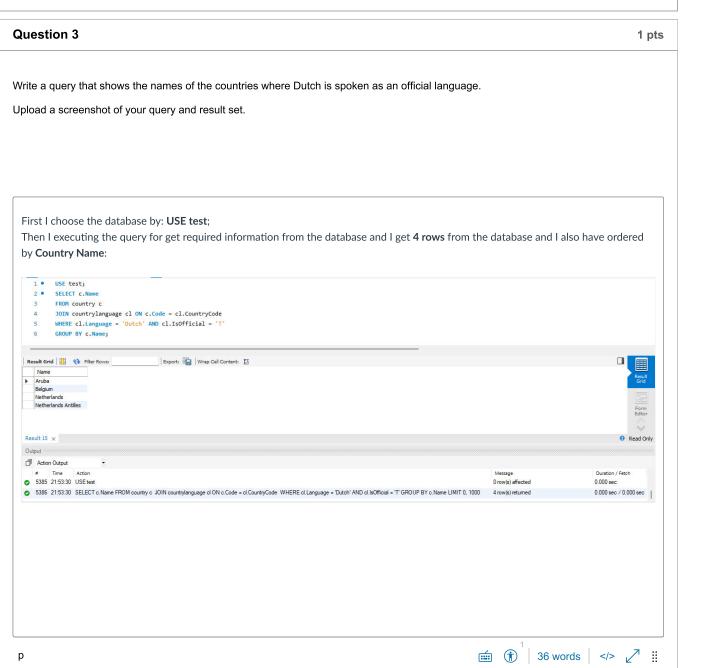
These activities should be completed as **part of tutorial 8**. You are **required to come to the tutorial to answer potential questions** about it. The tutor **may not mark it** in your absence. The submission is due after the tutorial of week 9, to give you extra time to complete the activities if needed.











Question 4

<u>A</u> ~ <u>Ø</u> ~

Show the countries (country code and name) and their numbers of official languages, highest number of languages first.

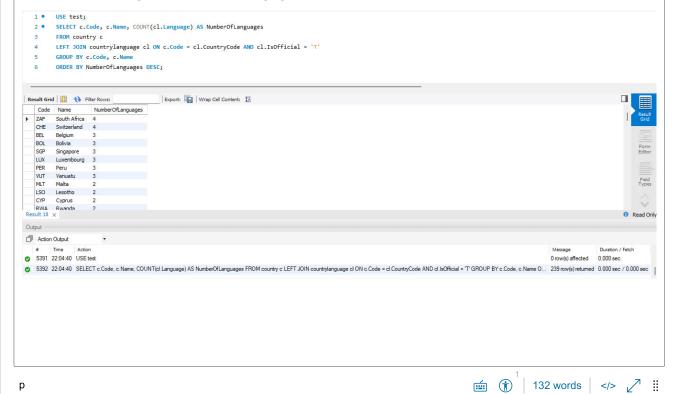
Upload a screenshot of your query and result set.

First I choose the database by: USE test;

Then I executing the query for get required information from the database and I get 239 rows from the database and I also have ordered by highest number of languages.

At first, I **SELECT Country Code** and **Country name**. Then, I use **COUNT countrylanguage** for counting the number of official languages for each country. I also specifify the country table with an alias c for easier to mention it again. I have performed the **LEFT JOIN** with the **countrylanguage** table and only choose the **IsOfficial** Language is **T**.

Then, I **GROUP BY** the results by **Country Code** and **Name**. Lastly, I order the results by the number of languages in descending order so the countries with the highest number of official languages come first.



Saved at 22:26

Submit quiz