UNIVERSITY OF TORONTO

Assignment: 8
Course: CSCC43
Deadline: Nov 15th, 11:30pm
Submission: via blackboard

In this assignment you are required to write SQL code, using *world* database and *country* table and run it to make sure it does what is supposed to do.

1- Create a database in which you create a table called country. Copy world.country data into your country table. Insert data about a new country called "Nowhereland" with NHD as its code. The population of this country is 3. This country is in Antarctica continent.
2- Update the table by changing the value for name from "Nowhereland" to "Nowhere land"
3- Create a view on country table which includes code, name, continent, population, surface area, independent year and government system.
4- Delete *Nowhere land* from the view.
5- Create the following reports using the already created view:
    a. Find the countries whose government system is republic.
    b. Count the countries whose government system is republic.
    c. Count the number of countries that have similar government system.
    d. Sort the result of the above query based on the number of countries in descending order.
    e. Show the number of countries in each government system only if there are more than 2 countries in that government system category.
    f. Show the number of countries in each continent categorized by their government system.
    g. Show the country which has the maximum surface area.
    h. Find the average population of the countries whose government system is monarchy.
    i. Find the average population of the countries whose government system is monarchy in each continent.
    j. Find the countries that have any type of republic government system. Order the result first by government system and then by country name.
    k. Find the countries in Europe that got independent after 1800 and their government system is NOT any kind of republic.

Submission:

- You only submit one code snippet created in MySql, containing all the codes required for this assignment.
- Your database name should be your UTORID.
- Mark will not be awarded to the codes that contains any error.
- Your code should be runnable at university machines and DBMS (i.e. MYSQL)

(15 Marks)