CS 207: Applied Database Practicum
In-Class Activity 4: Introduction to GROUP BY, ORDER BY and UNION, 3rd September, 2018

In this activity, you will be working in Mysql.

Q1. In this question load the dump file "world.sql" given in moodle and perform the following actions:
i) List the number of countries and total SurfaceArea of each continent
ii) List the continent, number of countries in each continent sorted in descending order
ii) Show the Continent and calculate Population density of each continent in descending order

$$\text{Population density} = \frac{Total\ Population}{Total\ Surface\ Area}$$

BONUS: ONLY if you have done the above steps, then you can try this bonus for an extra point.
   i)   Show the country, HeadOfState from continents ASIA and Europe using UNION operator. The result table should be in alphabetical (A-Z) order of HeadofState.