1.

**List each country name where the population is larger than that of 'Russia'.**

SELECT name FROM world

WHERE population >

(SELECT population FROM world

WHERE name='Russia')

2.

**Show the countries in Europe with a per capita GDP greater than 'United Kingdom'.**

SELECT name FROM world

WHERE continent = 'Europe'

AND gdp/population > (SELECT gdp/population

FROM world

WHERE name = 'United Kingdom')

3.

**List the name and continent of countries in the continents containing either Argentina or Australia. Order by name of the country.**

SELECT name, continent FROM world

WHERE continent IN (SELECT continent FROM world

WHERE name IN ('Argentina','Australia'))

ORDER BY name

4.

**Which country has a population that is more than United Kingdom but less than Germany? Show the name and the population.**

SELECT name, population FROM world

WHERE population > (SELECT population FROM world

WHERE name = 'United Kingdom')

AND population < (SELECT population FROM world

WHERE name = 'Germany')

5.

Germany (population 80 million) has the largest population of the countries in Europe. Austria (population 8.5 million) has 11% of the population of Germany.

**Show the name and the population of each country in Europe. Show the population as a percentage of the population of Germany.**

SELECT name, CONCAT(ROUND(population/(SELECT population FROM world

WHERE name = 'Germany')\*100,0),'%')

FROM world WHERE continent = 'Europe'

6.

**Which countries have a GDP greater than every country in Europe? [Give the name only.] (Some countries may have NULL gdp values)**

SELECT name FROM world

WHERE gdp > ALL(SELECT gdp FROM world

WHERE gdp > 0 AND continent = 'Europe')

7.

**Find the largest country (by area) in each continent, show the continent, the name and the area:**

SELECT continent, name, area FROM world x

WHERE area >= ALL

(SELECT area FROM world y

WHERE y.continent=x.continent

AND area>0)

8.

**List each continent and the name of the country that comes first alphabetically.**

SELECT continent, name FROM world x

WHERE name <= ALL

(SELECT name FROM world y

WHERE y.continent=x.continent)

9.

**Find the continents where all countries have a population <= 25000000. Then find the names of the countries associated with these continents. Show name, continent and population.**

SELECT name, continent, population FROM world x

WHERE 25000000 >= ALL(SELECT population

FROM world y

WHERE x.continent = y.continent

AND y.population>0);

10.

**Some countries have populations more than three times that of all of their neighbours (in the same continent). Give the countries and continents.**

SELECT name, continent FROM world x

WHERE population >= ALL(SELECT population\*3

FROM world y

WHERE x.continent = y.continent

and y.name != x.name)