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 gdp/population > (SELECT gdp/population FROM world WHERE name='United Kingdom')
AND continent = 'Europe';
```

3.
List the name and continent of countries in the continents containing either Argentina or Australia. Order by name.

```
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?

```
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.
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),'%') AS percentage
FROM world
WHERE continent='Europe';
```

6.
Which countries have a GDP greater than every country in Europe?

```
SELECT name FROM world
WHERE gdp > ALL (SELECT gdp FROM world WHERE continent='Europe' AND gdp IS NOT
NULL);
```

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
population>0);
```

8.
List each continent and the name of the country that comes first alphabetically.

```
SELECT continent, name FROM world w
```

WHERE name = (SELECT MIN(name) FROM world WHERE continent=w.continent);

9.
Find the continents where all countries have a population <= 25000000. Then find the names of the countries associated with these continents.

```
SELECT name, continent, population
FROM world
WHERE continent IN (SELECT continent FROM world GROUP BY continent HAVING
MAX(population) <= 25000000);
```

10.
Some countries have populations more than three times that of all of their neighbours (in the same continent).

```
SELECT name, continent
FROM world w
WHERE population > 0
AND NOT EXISTS (
SELECT 1 FROM world x
WHERE x.continent = w.continent
AND x.name <> w.name
AND w.population <= 3 * x.population
);
```