

W13 – Coding Review

Try these queries on your own, before you look at the possible solutions on the next page.

1. Write a query to show the country and surface area of all countries with a surface area of more than 5 million. Sort the list by surface area with the largest first.
2. Write a query to show the country and life expectancy of all countries with a life expectancy of more than 75 years old. Sort by life expectancy with larger age first
3. Write a query to show the unique forms of government in the country table. Sort the list in alphabetical order.
4. Write a query to list the population in each continent. Specify the Population Total with the label Population_Total. Sort by the largest population first.
5. Write a query to list the continents and the number of governments in each continent. How many different forms of government are in each continent?
6. Write a query that shows the official language that is spoken in each country
7. Write a query that shows 2 columns (with specified labels):
Country - the name of the country
Num_of_Languages - the number of languages spoken in that country

POSSIBLE SOLUTIONS:

1.

```
SELECT Name, SurfaceArea
FROM Country
WHERE SurfaceArea > 5000000
ORDER BY SurfaceArea DESC;
```

2.

```
SELECT Name, LifeExpectancy
FROM country
WHERE LifeExpectancy > 75
ORDER BY LifeExpectancy;
```

3.

```
SELECT DISTINCT GovernmentForm
FROM country
ORDER BY GovernmentForm;
```

4.

```
SELECT Continent, SUM(Population) AS Population_Total
FROM country
GROUP BY Continent
ORDER BY Population_Total DESC;
```

5.

```
SELECT Continent, COUNT(DISTINCT GovernmentForm)
FROM country
GROUP BY Continent;
```

6.

```
SELECT Name, Language
FROM countrylanguage JOIN country
ON country.Code = countrylanguage.CountryCode
WHERE IsOfficial = 'T';
```

7.

```
SELECT Name AS Country, COUNT(Language) AS Num_of_Languages
FROM country JOIN countrylanguage
ON country.Code = countrylanguage.CountryCode
GROUP BY Country;
```