

## MySQL Countries Assignment

Number One:

```
SELECT countries.name, languages.percentage, languages.language
FROM countries
JOIN languages ON countries.id = languages.country_id
WHERE languages.language = "Slovene"
ORDER BY languages.percentage DESC
```

Number Two: What query would you run to display the total number of cities for each country? Your query should return the name of the country and the total number of cities.

Your query should arrange the result by the number of cities in descending order.

(3)

```
SELECT COUNT(cities.name) AS "city_amount", countries.name
FROM countries
JOIN cities ON countries.id = cities.country_id
GROUP BY countries.id
ORDER BY COUNT(cities.name) DESC
```

Number 3:

```
SELECT cities.name, countries.name, cities.population
FROM countries
JOIN cities ON countries.id = cities.country_id
WHERE countries.name = "Mexico" AND cities.population > 500000
ORDER BY cities.population DESC
```

Number 4:

```
SELECT languages.language, countries.name, languages.percentage
FROM countries
JOIN languages ON countries.id = languages.country_id
WHERE languages.percentage > 89
ORDER BY languages.percentage DESC
```

Number 5:

```
SELECT countries.surface_area, countries.population, countries.name
FROM countries
WHERE countries.surface_area < 501 AND countries.population > 100000
```

Number 6:

```
SELECT countries.government_form, countries.capital, countries.life_expectancy
FROM countries
WHERE countries.government_form = "Constitutional Monarchy" AND
countries.capital > 200 AND countries.life_expectancy > 75
```

Number 7:

```
SELECT countries.name AS "country name", cities.name AS "city name",
cities.district, cities.population
FROM countries
JOIN cities ON countries.id = cities.country_id
WHERE cities.district = "Buenos Aires" AND cities.population > 500000
ORDER BY cities.population DESC
```

Number 8:

```
SELECT countries.region, COUNT(countries.name)
FROM countries
GROUP BY countries.region
ORDER BY COUNT(countries.name) DESC
```