World Queries 1:
What query would you run to get all the countries with a Surface Area below 501 and a Population greater than 100,000? Include the country name, surface area, and population in your results.

```
2      FROM countries;
3
4  •   SELECT c.name, c.government_form, c.capital
5      FROM countries AS c
6      WHERE c.government_form = 'Constitutional Monarchy'
7          AND c.life_expectancy > 75
8          AND c.capital > 200;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: 🔠

name	government_form	capital
Denmark	Constitutional Monarchy	3315
Spain	Constitutional Monarchy	653
United Kingdom	Constitutional Monarchy	456
Jamaica	Constitutional Monarchy	1530
Jordan	Constitutional Monarchy	1786
Japan	Constitutional Monarchy	1532
Liechtenstein	Constitutional Monarchy	2446
Luxembourg	Constitutional Monarchy	2452
Monaco	Constitutional Monarchy	2695
Norway	Constitutional Monarchy	2807
New Zealand	Constitutional Monarchy	3499
Sweden	Constitutional Monarchy	3048

World Queries 2:
What query would you run to get countries with only a Constitutional Monarchy with a capital greater than 200 and a life expectancy greater than 75 years? Include the country name, form of government, and capital in your results.

```
2        FROM countries;

3

4 ●      SELECT c.name, c.government_form, c.capital

5        FROM countries AS c

6        WHERE c.government_form = 'Constitutional Monarchy'

7            AND c.life_expectancy > 75

8            AND c.capital > 200;
```

name	government_form	capital
Denmark	Constitutional Monarchy	3315
Spain	Constitutional Monarchy	653
United Kingdom	Constitutional Monarchy	456
Jamaica	Constitutional Monarchy	1530
Jordan	Constitutional Monarchy	1786
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Monaco	Constitutional Monarchy	2695
Norway	Constitutional Monarchy	2807
New Zealand	Constitutional Monarchy	3499
Sweden	Constitutional Monarchy	3048

World Queries 3:
What query would you run to summarize the number of countries in each region? The query should display the name of the region and the number of countries. Also, the query should arrange the result by the number of countries in descending order.

```sql
1   SELECT c.region, COUNT(c.id) AS num_countries
2   FROM countries AS c
3   GROUP BY c.region
4   ORDER BY num_countries DESC;
```

| Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

region	num_countries
Caribbean	24
Eastern Africa	20
Middle East	18
Western Africa	17
Southern Europe	15
Southern and Central Asia	14
South America	14
Southeast Asia	11
Polynesia	10
Eastern Europe	10
Central Africa	9
Western Europe	9
Central America	8
Eastern Asia	8
Nordic Countries	7
Northern Africa	7
Micronesia	7
Antarctica	5
Australia and New Zealand	5
North America	5
Southern Africa	5
Melanesia	5
Baltic Countries	3
British Islands	2
Micronesia/Caribbean	1

World Queries 4:

What query would you run to get all the countries that speak Slovene? Your query should return the name of the country, language, and language percentage. Your query should arrange the result by language percentage in descending order.

```
1 ●    SELECT c.name, l.language, l.percentage
2      FROM countries AS c
3      JOIN languages AS l  ON c.id = l.country_id
4      WHERE l.language = 'Slovene'
5      ORDER BY l.percentage DESC;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Conter

name	language	percentage
Slovenia	Slovene	87.9
Austria	Slovene	0.4
Italy	Slovene	0.2
Croatia	Slovene	0.0

World Queries 5:
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.

```sql
1   SELECT c.name, COUNT(city.id) AS num_cities
2   FROM countries as c
3   JOIN cities AS city ON c.id = city.country_id
4   GROUP BY c.id
5   ORDER BY num_cities DESC;
```

name	num_cities
China	363
India	341
United States	274
Brazil	250
Japan	248
Russian Federation	189
Mexico	173
Philippines	136
Germany	93
Indonesia	85
United Kingdom	81
South Korea	70
Iran	67
Nigeria	64
Turkey	62
Spain	59
Pakistan	59
Italy	58
Argentina	57
Ukraine	57
Canada	49
Poland	44
South Africa	44
Taiwan	42
Venezuela	41
France	40
Colombia	38
Egypt	37
Chile	29
Romania	29
Netherlands	28
Bangladesh	24
Saudi Arabia	24
Morocco	22
Peru	22
Vietnam	22
Kazakstan	21
Congo, The Demo...	18
Algeria	18
Malaysia	18
Uzbekistan	17
Belarus	16
Myanmar	16
Ecuador	15

World Queries 6:

What query would you run to get all the cities in Mexico with a population of greater than 500,000? Your query should arrange the result by population in descending order.

```
1 ●    SELECT cities.name, cities.population
2      FROM countries as c
3      JOIN cities ON c.id = cities.country_id
4      WHERE c.name = 'Mexico' AND cities.population > 500000
5      ORDER BY cities.population DESC;
```

name	population
Ciudad de MÃ©xico	8591309
Guadalajara	1647720
Ecatepec de Morelos	1620303
Puebla	1346176
NezahualcÃ³yotl	1224924
JuÃ¡rez	1217818
Tijuana	1212232
LeÃ³n	1133576
Monterrey	1108499
Zapopan	1002239
Naucalpan de JuÃ¡rez	857511
Mexicali	764902
CuliacÃ¡n	744859
Acapulco de JuÃ¡rez	721011
Tlalnepantla de Baz	720755
MÃ©rida	703324
Chihuahua	670208
San Luis PotosÃ	669353
Guadalupe	668780
Toluca	665617
Aguascalientes	643360
QuerÃ©taro	639839
Morelia	619958
Hermosillo	608697
Saltillo	577352
TorreÃ³n	529093
Centro (Villahermosa)	519873

World Queries 7:

What query would you run to get all languages in each country with a percentage greater than 89%? Include the country name, language, and percentage. Your query should arrange the result by percentage in descending order.

```
1 •    SELECT c.name, l.language, l.percentage
2      FROM countries AS c
3      JOIN languages AS l ON c.id = l.country_id
4      WHERE l.percentage > 89
5      ORDER BY l.percentage DESC;
```

Result Grid		Filter Rows:	Export:

name	language	percentage
Bermuda	English	100.0
Faroe Islands	Faroese	100.0
Cape Verde	Crioulo	100.0
Cuba	Spanish	100.0
Saint Kitts and Nevis	Creole English	100.0
San Marino	Italian	100.0
Grenada	Creole English	100.0
El Salvador	Spanish	100.0
Rwanda	Rwanda	100.0
Dominica	Creole English	100.0
Western Sahara	Arabic	100.0
Maldives	Dhivehi	100.0
Haiti	Haiti Creole	100.0
South Korea	Korean	99.9
North Korea	Korean	99.9
Yemen	Arabic	99.6
Bosnia and Herzego...	Serbo-Croatian	99.2
Saint Vincent and t...	Creole English	99.1
Japan	Japanese	99.1
Portugal	Portuguese	99.0
Colombia	Spanish	99.0
Madagascar	Malagasy	98.9
Kiribati	Kiribati	98.9
Egypt	Arabic	98.8
Hungary	Hungarian	98.5
Greece	Greek	98.5
Ireland	English	98.4
Tonga	Tongan	98.3
Somalia	Somali	98.3
Burundi	Kirundi	98.1
Dominican Republic	Spanish	98.0
Albania	Albaniana	97.9
Jordan	Arabic	97.9
Bangladesh	Bengali	97.7
Nicaragua	Spanish	97.6
Poland	Polish	97.6
Brazil	Portuguese	97.5
Costa Rica	Spanish	97.5
United Kingdom	English	97.3

World Queries 8:
What query would you run to get all the cities of Argentina inside the Buenos Aires district and have a population greater than 500,000? The query should return the Country Name, City Name, District, and Population.

```
1  ●   SELECT c.name, cities.name, cities.district, cities.population
2      FROM countries AS c
3      JOIN cities ON c.id = cities.country_id
4      WHERE c.name = 'Argentina'
5          AND cities.district = 'Buenos Aires'
6          AND cities.population > 500000;
```

Result Grid | 🔢 | ↔ Filter Rows: [   ] | Export: 🖫 | Wrap Cell Content: 🔤

name	name	district	population
Argentina	La Matanza	Buenos Aires	1266461
Argentina	Lomas de Zamora	Buenos Aires	622013
Argentina	Quilmes	Buenos Aires	559249
Argentina	Almirante Brown	Buenos Aires	538918
Argentina	La Plata	Buenos Aires	521936
Argentina	Mar del Plata	Buenos Aires	512880