1. 😜

You can use `WHERE name LIKE 'B%'` to find the countries that start with "B".

- The % is a *wild-card* it can match any characters

Find the country that start with Y

```
SELECT name FROM world
  WHERE name LIKE 'Y%'
```

Submit SQL   restore default

Correct answer

name
Yemen

2. 😜

Find the countries that end with y

```
SELECT name FROM world
  WHERE name LIKE '%y'
```

Submit SQL   restore default

Correct answer

name
Turkey
Germany
Hungary
Italy
Norway
Vatican City
Paraguay

3. 😃

Luxembourg has an **x** - so does one other country. List them both.

Find the countries that contain the letter x

```
SELECT name FROM world
  WHERE name LIKE '%x%'
```

Submit SQL   restore default

Correct answer

name
Luxembourg
Mexico

4. 😃

Iceland, Switzerland end with **land** - but are there others?

Find the countries that end with land

```
SELECT name FROM world
  WHERE name LIKE '%land'
```

Submit SQL   restore default

Correct answer

name
Swaziland
Thailand
Finland
Iceland
Ireland
Poland
Switzerland

5. 😄

Columbia starts with a **C** and ends with **ia** - there are two more like this.

Find the countries that start with C and end with ia

```
SELECT name FROM world
  WHERE name LIKE 'C%ia'
```

Submit SQL   restore default

---

6. 😄

Greece has a double **e** - who has a double **o**?

Find the country that has oo in the name

```
SELECT name FROM world
  WHERE name LIKE '%oo%'
```

Submit SQL   restore default

7. 😃

Bahamas has three **a** - who else?

Find the countries that have three or more a in the name

```
SELECT name FROM world
  WHERE name LIKE '%a%a%a%'
```

Submit SQL   restore default

Correct answer

name
Central African Republic
Equatorial Guinea
Madagascar
Mauritania
Sao TomÃ© and PrÃncipe
Tanzania
Afghanistan

8. 😃

India and Angola have an **n** as the second character. You can use the underscore as a single character wildcard.

```
SELECT name FROM world
 WHERE name LIKE '_n%'
ORDER BY name
```

Find the countries that have "t" as the second character.

```
SELECT name FROM world
 WHERE name LIKE '_t%'
ORDER BY name
```

Submit SQL   restore default

Correct answer

name
Ethiopia
Italy

9. 😄

Lesotho and Moldova both have two o characters separated by two other characters.

Find the countries that have two "o" characters separated by two others.

```
SELECT name FROM world
 WHERE name LIKE '%o__o%'
```

[Submit SQL]   [restore default]

Correct answer

name
Congo, Democratic Republic of
Congo, Republic of
Lesotho
Morocco
Sao TomÃ© and PrÃncipe
Mongolia
Moldova

10. 😄

Cuba and Togo have four characters names.

Find the countries that have exactly four characters.

```
SELECT name FROM world
 WHERE name LIKE '____'
```

[Submit SQL]   [restore default]

Correct answer

name
Chad
Mali
Togo
Iran
Iraq
Laos
Oman

11. 😃

The capital of **Luxembourg** is **Luxembourg**. Show all the countries where the capital is the same as the name of the country

Find the country where the name is the capital city.

```
SELECT name
  FROM world
 WHERE name = capital;
```

Submit SQL   restore default

Correct answer

name
Djibouti
Luxembourg
San Marino
Singapore

12. 😃

The capital of **Mexico** is **Mexico City**. Show all the countries where the capital has the country together with the word "City".

Find the country where the capital is the country plus "City".

The concat function

```
SELECT name
  FROM world
 WHERE capital = concat(name, ' City')
```

Submit SQL   restore default

Correct answer

name
Guatemala
Kuwait
Mexico
Panama

13. 😄

Find the capital and the name where the capital includes the name of the country.

```
select capital,name
from world
where capital like concat('%',name,'%')
```

Submit SQL   restore default

14. 😄

Find the capital and the name where the capital is an extension of name of the country.

You *should* include **Mexico City** as it is longer than **Mexico**. You *should not* include **Luxembourg** as the capital is the same as the country.

```
select capital,name
from world
where capital like concat(name,'%')
and length(capital)>length(name);
```

Submit SQL   restore default

15. 😜

The capital of Monaco is **Monaco-Ville**: this is the name **Monaco** and the extension is -**Ville**.

Show the name and the extension where the capital is a proper (non-empty) extension of name of the country.

You can use the SQL function REPLACE.

```
SELECT name,REPLACE(capital, name, '') AS extension
FROM world
WHERE capital LIKE CONCAT(name, '%')
```

Submit SQL   restore default

Result:

name	extension
Andorra	la Vella
Djibouti	
Guatemala	City
Kuwait	City
Luxembourg	
Mexico	City
Monaco	-Ville