SELECT names

From SQLZOO

Language:	English •	中文
name	continent	
Afghanistan	Asia	
Albania	Europe	
Algeria	Africa	
Andorra	Europe	
Angola	Africa	
••••		

Pattern Matching Strings

This tutorial uses the LIKE operator to check names. We will be using the SELECT command on the table world:

Summary

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



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
Uruguay

3.

Luxembourg has an \mathbf{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

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 New Zealand

<u>5.</u>

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

Correct answer

name

Cambodia Colombia

Croatia

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%'		
Culturalit COI		
Submit SQL	Restore default	
Correct ans	wer	
name Cameroon		

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
Tanzania
Afghanistan
Azerbaijan
Kazakhstan
Malaysia
Saudi Arabia
United Arab Emirates

India and Angola have an \mathbf{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



9.

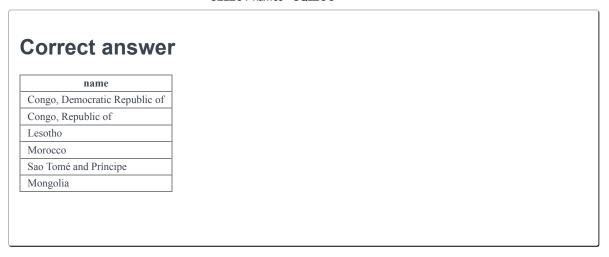
Lesotho and Moldova both have two o characters separated by two other characters.

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



Cuba and Togo have four characters names.

Find the countries that have exactly four characters.

SELECT name WHERE name	e FROM world e LIKE ''	
Submit	SQL Restore default	
Corr	rect answer	
name Chad		
Mali		
Togo Iran		
Iraq		
Laos		
Oman		
Cuba		
Fiji		▼

Harder Questions

Well done for getting this far.

The next questions are optional and only for students who are finding the basic questions too easy.

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 capital LIKE name			
Submit SQL	Restore default		
name Djibouti Luxembourg San Marino Singapore	wer		

12.

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

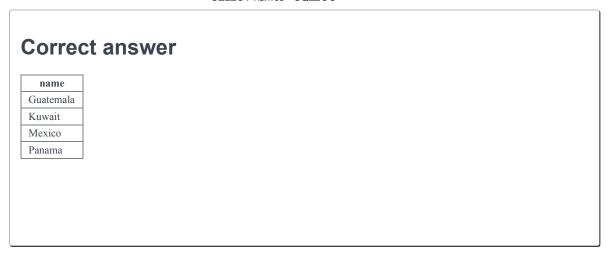
Find the country where the capital is the country plus "City".

The concat function

```
SELECT name
FROM world
WHERE capital LIKE '%City'
```

Submit SQL

Restore default



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

SELECT capital, name
FROM world
WHERE capital LIKE '%name%'

Restore default

Wrong answer. Too few rows

capital name
Show what the answer should be...

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.

OLLEG I Hamos Odeleg	
SELECT capital, name FROM world WHERE capital LIKE 'name%'	
Submit SQL Restore default	
Wrong answer. Too few rows capital name Show what the answer should be	

For **Monaco-Ville** the name is **Monaco** and the extension is **-Ville**.

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

You can use the SQL function REPLACE.

Submit SQL	Restore default
result	

Retrieved from "http://sqlzoo.net/w/index.php?title=SELECT_names&oldid=14271"

Healthcare & Data Centers

Find Healthcare-Specific Technology Solutions from IT Experts at CDW. Go to cdwcommunit.com

- This page was last modified on 9 May 2016, at 18:10.
 This page has been accessed 153,700 times.