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## **SELECT** names

Language:	English ・日本語・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:

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

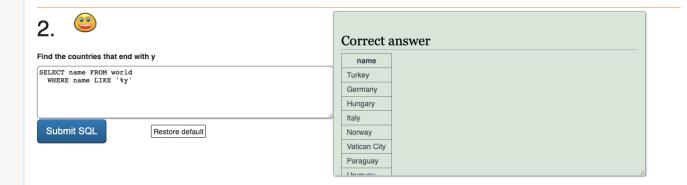
• The % is a wild-card it can match any characters

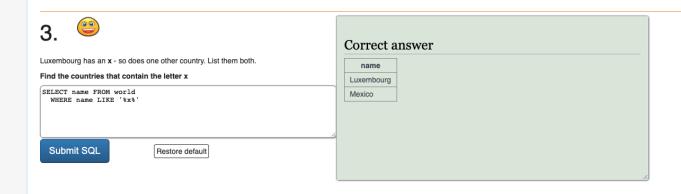
Find the country that start with Y

SELECT name FROM world
WHERE name LIKE 'Y%'

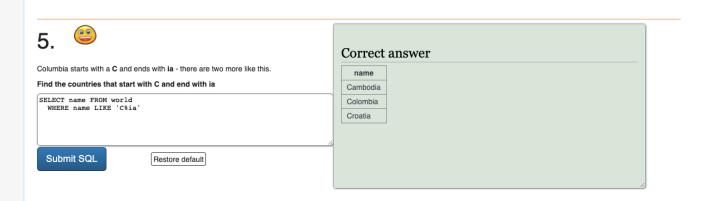
Submit SQL

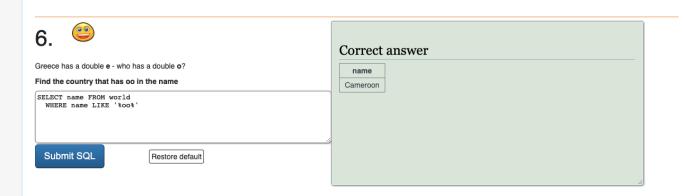
Restore default

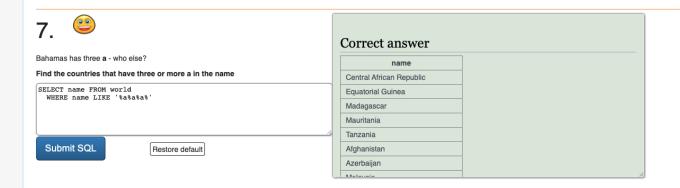




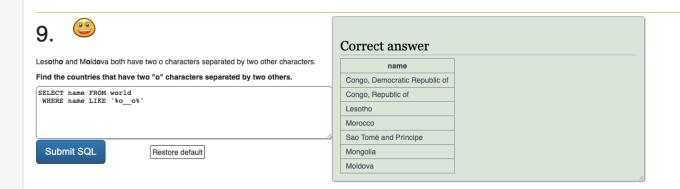


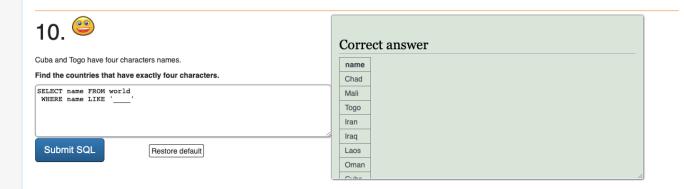








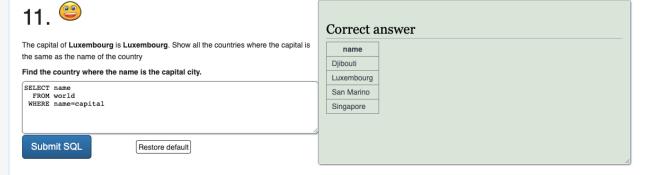




## **Harder Questions**

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 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

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

Correct answer

capital	name
oupitui	manne
Andorra la Vella	Andorra
Djibouti	Djibouti
Guatemala City	Guatemala
Kuwait City	Kuwait
Luxembourg	Luxembourg
Mexico City	Mexico
Monaco-Ville	Monaco
Danama City	Danama

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, '\_%');

Submit SQL

Restore default

Correct answer

capital	name
Andorra la Vella	Andorra
Guatemala City	Guatemala
Kuwait City	Kuwait
Mexico City	Mexico
Monaco-Ville	Monaco
Panama City	Panama

15.



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.

select name, replace(capital, name, '') as extension
from world
where capital like concat(name, '\_%');

Submit SQL

Restore default

Correct answer

extension
la Vella
City
City
City
-Ville
City

Play Find the Duplicates ₽

Category: Languages pages

This page was last edited on 20 April 2018, at 17:20.

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