

# SELECT names

From SQLZOO

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

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## Pattern Matching Strings

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

Summary

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### 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
Uruguay

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## 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
New Zealand

---

## 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

### Correct answer

name
Cambodia
Colombia
Croatia

## 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

### Correct answer

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

## 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 Tomé and Príncipe
Mongolia

## 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
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.

# 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 capital LIKE name
```

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 LIKE '%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 '%name%'
```

Submit SQLRestore 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.



```
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...](#)

---

# 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.

[Submit SQL](#)[Restore default](#)

result

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