

### Question 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%'
```

### Question 2.

Find the countries that end with y

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

### Question 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%'
```

### Question 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'
```

### Question 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'
```

### Question 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%'
```

### Question 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%'
```

### Question 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
```

### Question 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%'
```

### Question 10.

Cuba and Togo have four characters names.

Find the countries that have exactly four characters.

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

### Question 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;

## Question 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 ');
```

## Question 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,'%');
```

## Question 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 capital<> name;
```

## Question 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, '%')
AND capital <> name;
```