

# SQLZoo

Unofficial answers to sqlzoo exercises found here: [https://sqlzoo.net/wiki/SELECT\\_names](https://sqlzoo.net/wiki/SELECT_names)

world	
name	continent
Afghanistan	Asia
Albania	Europe
Algeria	Africa
Andorra	Europe
Angola	Africa
....	

## SELECT names

1. Find the countries that start with Y.

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

2. Find the countries that end with y.

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

3. Find the countries that contain the letter x.

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

4. Find the countries that end with land.

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

5. Find the countries that start with C and end with ia.

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

6. Find the country that has oo in the name.

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

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

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

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

```
SELECT name FROM world
WHERE name LIKE '_t%';
```

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

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

10. Find the countries that have exactly four characters.

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

11. Find the country where the name is the capital city.

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

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

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

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, '%');
```

14. Find the capital and the name where the capital is an extension of name of the country (and the capital name is longer than the name of the country)

```
SELECT capital, name FROM world  
WHERE capital LIKE concat(name, '_%');
```

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

```
SELECT name, REPLACE(capital, name, '') AS extension FROM world  
WHERE capital LIKE concat ('%', name, '%') AND capital > name;
```