

Interview questions

SQL



List the different types of relationships in SQL and give examples.

What is Normalization?

Query

Modify query to show the population of Germany.

```
SELECT population FROM world  
WHERE name = 'France'
```

Query

Select the query which gives the name of countries beginning with U.

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

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

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

Query

Select the answer which shows the problem with this SQL code - the intended result should be the continent of France:

```
SELECT continent FROM world WHERE 'name' = 'France'
```

- a)continent should be 'continent'
- b)'name' should be name
- c)'France' should be "France"
- d)'France' should be France
- e)'France' should be France

Query

Select the code which shows the countries that end in A or L.

```
SELECT name FROM world WHERE name LIKE 'a%' AND name LIKE 'l%'
```

```
SELECT name FROM world WHERE name LIKE 'a%' OR name LIKE 'l%'
```

```
SELECT name FROM world WHERE name LIKE '%a' AND name LIKE '%l'
```

```
SELECT name FROM world WHERE name LIKE '%a' OR 'l%'
```

```
SELECT name FROM world WHERE name LIKE '%a' OR name LIKE '%l'
```

Query

Some questions concerning basic SQL statements

| name | region | area | population | gdp |
|-------------|-------------|---------|------------|-------------|
| Afghanistan | South Asia | 652225 | 26000000 | |
| Albania | Europe | 28728 | 3200000 | 6656000000 |
| Algeria | Middle East | 2400000 | 32900000 | 75012000000 |
| Andorra | Europe | 468 | 64000 | |
| ... | | | | |

Given the table on the left, select the query which produces this table below.

| name | population |
|-------------|------------|
| Bahrain | 1234571 |
| Swaziland | 1220000 |
| Timor-Leste | 1066409 |

```
FROM world SELECT
name,
population
BETWEEN 1000000 AND
1250000
```

```
FROM name,
population FROM
world WHERE
population BETWEEN
1000000 AND 1250000
SELECT world
```

```
SELECT name,
population FROM world
WHERE population BETWEEN
1000000 AND 1250000
```