

SQL- Übungsaufgaben

Bezugstabelle:

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	
...				

1. Wählen Sie den richtigen SQL-Code zum Erzeugen dieser Ergebnistabelle aus!

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

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

2. Suchen Sie die richtige Ergebnistabelle für den SQL-Code heraus!

- Table-A

|         |
|---------|
| Albania |
| Algeria |

Table-B

|        |          |
|--------|----------|
| %bania | 3200000  |
| %geria | 32900000 |

Table-C

|    |   |
|----|---|
| Al | 0 |
|----|---|
- Table-D

|         |         |
|---------|---------|
| Albania | 3200000 |
|---------|---------|
- Table-E

|         |          |
|---------|----------|
| Albania | 3200000  |
| Algeria | 32900000 |

```
SELECT name, population
FROM world
WHERE name LIKE "Al%"
```

3. Wählen Sie den richtigen SQL-Code welcher die Länder zeigt, die mit a bzw. l enden!

- ```
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'
```

4. Suchen Sie die richtige Ergebnistabelle für den SQL-Code heraus!

name	length(name)
Benin	5
Lybia	5
Egypt	5

name	length(name)
Italy	5
Malta	5
Spain	5

```
SELECT name, LENGTH(name)
FROM world
WHERE LENGTH(name)=5 AND region='Europe'
```

name	length(name)
Italy	5
Egypt	5
Spain	5

name	length(name)
Italy	5
France	6
Spain	5

name	length(name)
Sweden	6
Norway	6
Poland	6

5. Suchen Sie die richtige Ergebnistabelle für den SQL-Code heraus!

```
SELECT name, area*2 FROM world WHERE population = 64000
```

Andorra	234
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Andorra	4680
---------	------

Andorra	468
---------	-----

Andorra	936
---------	-----

Andorra	936
---------	-----

Albania	57456
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6. Wählen Sie den SQL-Code welcher die Länder zeigt, deren Fläche größer als 50000 ist und deren Bevölkerung weniger als 10 Mio. ist!

```
SELECT name, area, population
FROM world
WHERE area < 50000 AND population < 10000000
```

```
SELECT name, area, population
FROM world
WHERE area > 50000 AND population > 10000000
```

```
SELECT name, area, population
FROM world
WHERE area < 50000 AND population > 10000000
```

```
SELECT name, area, population
FROM world
WHERE area = 50000 AND population = 10000000
```

```
SELECT name, area, population
FROM world
WHERE area > 50000 AND population < 10000000
```

7. Welcher SQL-Code zeigt die Bevölkerungsdichte von China, Australien, Nigeria und Frankreich!

```
SELECT name, area/population
FROM world WHERE name IN ('China', 'Nigeria', 'France', 'Australia')
```

```
SELECT name, area/population
FROM world WHERE name LIKE ('China', 'Nigeria', 'France', 'Australia')
```

```
SELECT name, population/area
FROM world
WHERE name IN ('China', 'Nigeria', 'France', 'Australia')
```

```
SELECT name, population/area
FROM world
WHERE name LIKE ('China', 'Nigeria', 'France', 'Australia')
```

```
SELECT name, population
FROM world
WHERE name IN ('China', 'Nigeria', 'France', 'Australia')
```