

Nested SELECT Quiz

Language: English • 日本語 • 中文

Nested SELECT quiz

| bbc | | | | |
|----------------|-------------|---------|------------|---------------|
| 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 | |
| Bangladesh | South Asia | 143998 | 152600000 | 67144000000 |
| United Kingdom | Europe | 242514 | 59600000 | 2022824000000 |
| ... | | | | |

1. Select the code that shows the name, region and population of the smallest country in each region

`SELECT region, name, FROM bbc x WHERE population <= ALL (SELECT population FROM bbc y WHERE y.region=x.region AND population>0)`

`SELECT region, name, population FROM bbc WHERE population <= ALL (SELECT population FROM bbc WHERE population>0)`

`SELECT region, name, population FROM bbc x WHERE population <= ALL (SELECT population FROM bbc y WHERE y.region=x.region AND population>0)`

`SELECT region, name, population FROM bbc x WHERE population = ALL (SELECT population FROM bbc y WHERE y.region=x.region AND population>0)`

`SELECT region, name, population FROM bbc x WHERE population <= ALL (SELECT population FROM bbc y WHERE y.region=x.region AND population<0)`

2. Select the code that shows the countries belonging to regions with all populations over 50000

`SELECT name,region,population FROM bbc x WHERE 50000 < ALL (SELECT population FROM bbc y WHERE population>0)`

`SELECT name,region,population FROM bbc x WHERE 50000 < ALL (SELECT population FROM bbc y WHERE x.region=y.region AND y.population>0)`

`SELECT name,region,population FROM bbc x WHERE 50000 = ALL (SELECT population FROM bbc y WHERE x.region=y.region AND y.population>0)`

`SELECT name,region,population FROM bbc x WHERE 50000 > ALL (SELECT population FROM bbc y WHERE x.region=y.region AND y.population>0)`

```
SELECT name,region,population FROM bbc x WHERE 500000 < ALL (SELECT population FROM bbc y WHERE x.region=y.region AND y.population>0)
```

3. Select the code that shows the countries with a less than a third of the population of the countries around it

```
SELECT name, region FROM bbc x
WHERE population < ALL (SELECT population/3 FROM bbc y WHERE y.region = x.region AND y.name != x.name)
```

```
SELECT name, region FROM bbc x
WHERE population = ALL (SELECT population/3 FROM bbc y WHERE y.region = x.region AND y.name != x.name)
```

```
SELECT name, region FROM bbc x
WHERE population > ALL (SELECT population/3 FROM bbc y WHERE y.region = x.region AND y.name != x.name)
```

```
SELECT name, region FROM bbc x WHERE population < ALL (SELECT population*3 FROM bbc y WHERE y.region = x.region AND y.name != x.name)
```

```
SELECT name, region FROM bbc x WHERE population < ALL (SELECT population/3 FROM bbc y WHERE y.name != x.name)
```

4. Select the result that would be obtained from the following code:

```
SELECT name FROM bbc
WHERE population >
  (SELECT population
   FROM bbc
   WHERE name='United Kingdom')
AND region IN
  (SELECT region
   FROM bbc
   WHERE name = 'United Kingdom')
```

Table-A

| |
|----------|
| Andorra |
| Albania |
| Austria |
| Bulgaria |

Table-B

| | |
|---------|--------|
| France | Europe |
| Germany | Europe |
| Russia | Europe |
| Turkey | Europe |

Table-C

| |
|---------|
| France |
| Germany |
| Andorra |
| Albania |

Table-D

| |
|---------|
| France |
| Germany |
| Russia |

Table-E

| |
|----------------------|
| France |
| Germany |
| Russia |
| Turkey |
| Brazil |
| United States of USA |
| Canada |

5. Select the code that would show the countries with a greater GDP than any country in Africa (some countries may have NULL gdp values).

```
SELECT name FROM bbc
WHERE gdp > ALL (SELECT MAX(gdp) FROM bbc WHERE region = 'Africa' AND gdp=0)
```

```
SELECT name FROM bbc
WHERE gdp > (SELECT MAX(gdp) FROM bbc WHERE region = 'Africa')
```

```
SELECT name FROM bbc
WHERE gdp > ALL (SELECT MIN(gdp) FROM bbc WHERE region = 'Africa')
```

```
SELECT name FROM bbc
WHERE gdp > ALL (SELECT gdp FROM bbc WHERE region = 'Africa')
```

```
SELECT name FROM bbc
WHERE gdp > ALL (SELECT gdp FROM bbc WHERE region = 'Africa' AND gdp<>NULL)
```

6. Select the code that shows the countries with population smaller than Russia but bigger than Denmark

```
SELECT name FROM bbc
WHERE population < (SELECT population FROM bbc WHERE name='Denmark')
AND population > (SELECT population FROM bbc WHERE name='Russia')
```

```
SELECT name FROM bbc
WHERE population < (SELECT population FROM bbc WHERE name='Russia')
AND population > (SELECT population FROM bbc WHERE name='Denmark')
```

```
SELECT name FROM bbc
WHERE population = (SELECT population FROM bbc WHERE name='Russia')
AND population > (SELECT population FROM bbc WHERE name='Denmark')
```

```
SELECT name FROM bbc
WHERE population > (SELECT population FROM bbc WHERE name='Russia')
AND population > (SELECT population FROM bbc WHERE name='Denmark')
```

```
SELECT name FROM bbc
WHERE population < (SELECT population FROM bbc WHERE name='Russia')
AND population > (SELECT population FROM bbc WHERE name='Denmark')
```

7. >Select the result that would be obtained from the following code:

```
SELECT name FROM bbc
WHERE population > ALL
  (SELECT MAX(population)
   FROM bbc
   WHERE region = 'Europe')
AND region = 'South Asia'
```

Table-A

| |
|--------------|
| Afghanistan |
| Bhutan |
| Nepal |
| Sri Lanka |
| The Maldives |

Table-B

| |
|------------|
| Bangladesh |
| India |
| Pakistan |

Table-C

| |
|-------|
| China |
| India |

Table-D

| |
|------------|
| Brazil |
| Bangladesh |
| China |
| India |

Table-E

| |
|---------|
| France |
| Germany |
| Russia |
| Trukey |

Score the test

Your score is: 5 out of 7

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