

SELECT Quiz

From SQLZOO

Some questions concerning basic SQL statements

<input type="checkbox"/>	Right
<input type="checkbox"/>	Wrong
<input type="checkbox"/>	Not answered

name	region	area	population	gdp
Afghanistan	South Asia	652225	2600000	
Albania	Europe	28728	3200000	6656000000
Algeria	Middle East	2400000	32900000	75012000000
Andorra	Europe	468	64000	

1. Select the code which produces this table

name	population
Bahrain	1234571
Swaziland	1220000
Timor-Leste	1066409

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

2. Pick the result you would obtain from this code:

```
SELECT name, population
FROM bbc
WHERE name LIKE "A%"
```

Table-A

Albania
Algeria

Table-B

%bania	3200000
%geria	32900000

Table-C

Al	0
----	---

Table-D

Albania	3200000
---------	---------

Table-E

Albania	3200000
Algeria	32900000

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	
...				

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

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

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

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

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

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

4. Pick the result from the query

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

Table-A

name	length(name)
Benin	5
Lybia	5
Egypt	5

Table-B

name	length(name)
Italy	5
Egypt	5
Spain	5

Table-C

name	length(name)
Italy	5
Malta	5
Spain	5

Table-D

name	length(name)
Italy	5
France	6
Spain	5

Table-E

name	length(name)
Sweden	6
Norway	6
Poland	6

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	

5. Pick the result you would obtain from this code:

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

Table-A

Andorra	234
---------	-----

Table-B

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

Table-C

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

Table-D

Andorra	4680
---------	------

Table-E

Andorra	936
Albania	57456

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	
...				

6. Select the code that would show the countries with an area larger than 50000 and a population smaller than 10000000

SELECT name, area, population **FROM** bbc **WHERE** area < 50000 **AND** population < 10000000

SELECT name, area, population **FROM** bbc **WHERE** area < 50000 **AND** population > 10000000

SELECT name, area, population **FROM** bbc **WHERE** area > 50000 **AND** population < 10000000

SELECT name, area, population **FROM** bbc **WHERE** area > 50000 **AND** population > 10000000

SELECT name, area, population **FROM** bbc **WHERE** area = 50000 **AND** population = 10000000

7. Select the code that shows the population density of China, Australia, Nigeria and France

name	region	area	population	gdp
Afghanistan	South Asia	652225	26000000	
Albania	Europe	28728	3200000	6656000000
Algeria	North Africa	2381741	32000000	1611200000
Andorra	Europe	468	64000	

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

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

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


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


SELECT name, population **FROM** bbc **WHERE** name **IN** ('China', 'Nigeria', 'France', 'Australia')

Your score is 7 / 7

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