

SUM and COUNT Quiz

From SQLZOO

SUM and COUNT QUIZ

Right
Wrong
Not answered

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	
...				

1. Select the statement that shows the sum of population of all countries in 'Europe'

SELECT name, population **FROM** bbc **WHERE** region = 'Europe'

SELECT population **FROM** bbc **WHERE** region = 'Europe' **SUM BY** region

SELECT SUM(population) **FROM** bbc **WHERE** region = 'Europe'

SELECT SUM(population **FROM** bbc **WHERE** region = 'Europe')

SUM population **FROM** bbc **WHERE** region = 'Europe'

2. Select the statement that shows the number of countries with population smaller than 150000

SELECT COUNT(name) **FROM** bbc **WHERE** population < 150000

SELECT COUNT(population < 150000) **FROM** bbc

SELECT name **FROM** bbc **WHERE** population < 150000

SELECT population **AS COUNT FROM** bbc **WHERE** population < 150000

SELECT SUM() **FROM** bbc **WHERE** population < 150000

3. Select the full set of SQL aggregate functions

AVG(), COUNT(), FIRST(), LAST(), SUM()

AVG(), COUNT(), MAX(), MEDIAN(), MIN(), ROUND(), SUM()

AVG(), COUNT(), FIRST(), LAST(), MAX(), MIN(), SUM()

AVG(), COUNT(), MAX(), MIN(), SUM()

COUNT(), SUM()

bbc				
name	region	area	population	gdp
Afghanistan	South Asia	652225	26000000	
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...				

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

```
SELECT region, SUM(area)
FROM bbc
WHERE SUM(area) > 15000000
GROUP BY region
```

Table-A

Europe	17000000
--------	----------

Table-B

Europe	17000000
Asia-Pacific	23460000
North America	21660000

Table-C

Europe
Asia-Pacific
North America

No result due to invalid use of the GROUP BY function

No result due to invalid use of the WHERE function

5. Select the statement that shows the average population of 'Poland', 'Germany' and 'Denmark'

SELECT AVG(population) **FROM** bbc **WHERE** name = ('Poland', 'Germany', 'Denmark')

SELECT AVG(population) **FROM** bbc **WHERE** name **IN** ('Poland', 'Germany', 'Denmark')

SELECT AVG(population) **FROM** bbc **WHERE** name **LIKE** ('Poland', 'Germany', 'Denmark')

SELECT AVG(population) **FROM** bbc **WHERE** name **LIKE** (Poland, Germany, Denmark)

```
SELECT population FROM bbc WHERE name IN ('Poland', 'Germany', 'Denmark')
```

		bbc	population	gdp
	area			
Afghanistan	South Asia	652225	26000000	
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Andorra	Europe	468	64000	

6. Select the statement that shows the medium population density of each region

```
SELECT region, AVG(population/area) AS density FROM bbc
```

```
SELECT region, COUNT(population)/COUNT(area) AS density FROM bbc GROUP BY region
```

```
SELECT region, SUM(population)/COUNT(area) AS density FROM bbc GROUP BY region
```

```
SELECT region, SUM(population)/SUM(area) AS density FROM bbc HAVING region
```

```
SELECT region, SUM(population)/SUM(area) AS density FROM bbc GROUP BY region
```

7. Select the statement that shows the name and population density of the country with the largest population

```
SELECT name, density AS population/area FROM bbc WHERE population = MAX(population)
```

```
SELECT name, density AS population/area FROM bbc WHERE population = (SELECT MAX(population) FROM bbc)
```

```
SELECT name, MAX (population) FROM bbc WHERE population / (SELECT area FROM bbc)
```

```
SELECT name, population/area AS density FROM bbc WHERE population = (SELECT MAX(population) FROM bbc)
```

```
SELECT name, population/area AS density FROM bbc WHERE population > (SELECT MAX(population) FROM bbc)
```

8. Pick the result that would be obtained from the following code:

```
SELECT region, SUM(area)
FROM bbc
GROUP BY region
HAVING SUM(area)<= 20000000
```

Table-A

732240
13403102
17740392
4943771

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	

Table-B

Africa	22550927
Asia-Pacific	28759578
Europe	23866987
North America	21660000

Table-C

Africa
Asia-Pacific
Europe
North America

Table-D

Americas	732240
Middle East	13403102
South America	17740392
South Asia	9437710

Table-E

Americas
Middle East
South America
South Asia

Submit

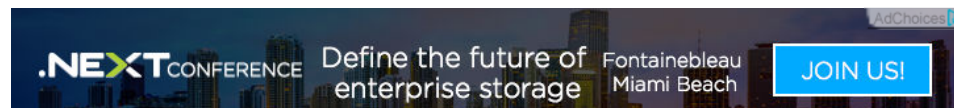
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