SUM and COUNT Quiz

Language: English • 日本語

SUM and COUNT QUIZ

bbc

name	region	area	population	gdp	
Afghanistan	South Asia	652225	26000000		
A l bania	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 list of core SQL aggregate functions

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

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

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

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

COUNT(), SUM()

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')
$oxed{1}$
SELECT AVG(population) FROM bbc WHERE name LIKE (Poland, Germany, Denmark)
i
SELECT population FROM bbc WHERE name IN ('Poland', 'Germany', 'Denmark')
6. Select the statement that shows the medium population density of each region
SELECT region (NECleonylation/2020) AS descity FOOM blo
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
1
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
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7. Select the statement that shows the name and population density of the country with the largest population
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)
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)
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)
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)
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)
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)
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)
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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)
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)
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)

 ${\tt SELECT\ name,\ population/area\ AS\ density\ FROM\ bbc\ WHERE\ population\ >\ (SELECT\ MAX(population)\ FROM\ bbc)}$

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

Table-B

Africa	22550927		
Asia-Pacific	28759578		
Europe	23866987		
North America	21660000		

Table-C

Africa
Asia-Pacific
Europe
North America

Table-D		
Americas	732240	
Midd l e East	13403102	
South America	17740392	
South Asia	9437710	

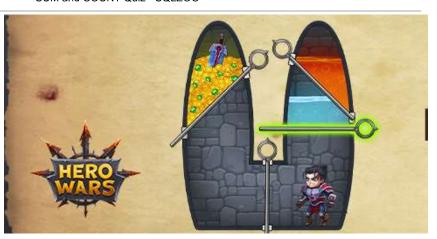
Table-E

Americas	
Midd l e East	
South America	
South Asia	

Score the test

Your score is: 8 out of 8

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