SUM and COUNT

From SQLZOO

Languag

nglish · 中文

World Country Profile: Aggregate functions

This tutorial is about aggregate functions such as COUNT, SUM and AVG. An aggregate function takes many values and delivers just one value. For example the function SUM would aggregate the values 2, 4 and 5 to deliver the single value 11.

name	continent	area	population	gdp
Afghanistan	Asia	652230	25500100	20343000000
Albania	Europe	28748	2831741	12960000000
Algeria	Africa	2381741	37100000	188681000000
Andorra	Europe	468	78115	3712000000
Angola	Africa	1246700	20609294	100990000000
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Exercises

Using SUM, Count, MAX, DISTINCT and ORDER BY.

Summary

1.

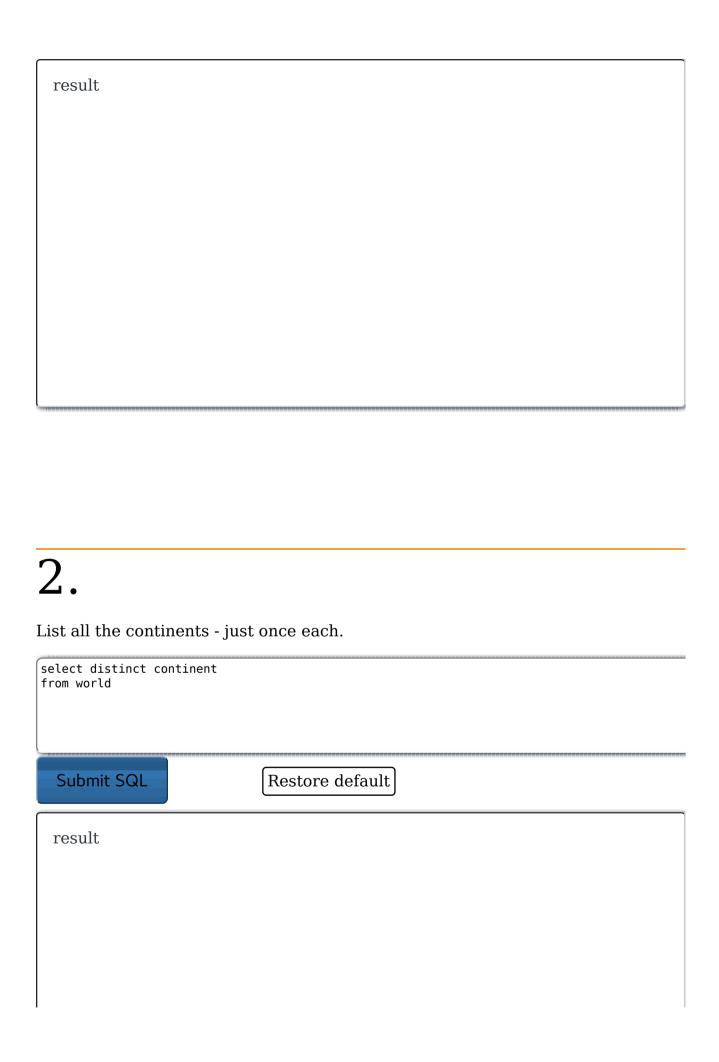
Show the total **population** of the world.

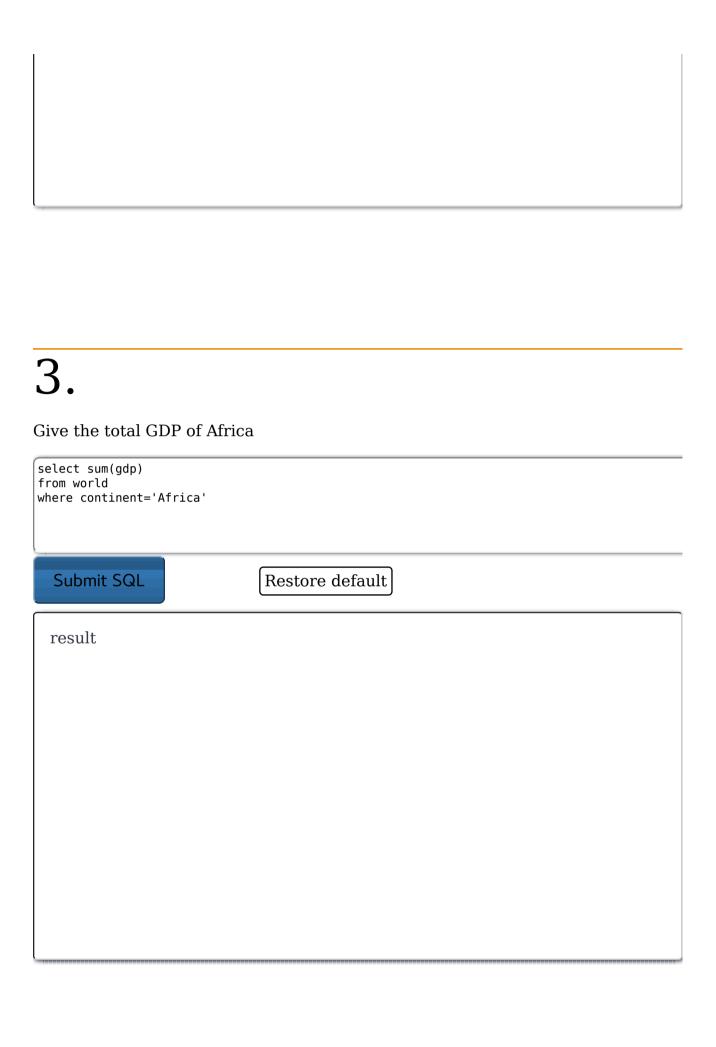
world(name, continent, area, population, gdp)

SELECT continent, SUM(population) FROM world group by continent

Submit SQL

Restore default





4

How many countries have an **area** of at least 1000000

select count(name) from world where area > 1000000

Submit SQL Restore default

result

5.

What is the total ${f population}$ of ('France', 'Germany', 'Spain')

select sum(population) from world
where name in ('France','Germany','Spain')

Submit SQL

Restore default

Correct answer

sum(populatio..

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Using GROUP BY and HAVING.

6.

For each **continent** show the **continent** and number of countries.

select continent, count(name) as Nbofcountries from world group by continent

Submit SQL

Restore default

Correct answer

continent	Nbofcountries
Africa	53
Asia	47
Caribbean	11
Eurasia	2
Europe	42
North America	11
Oceania	14
South America	13

7.

For each **continent** show the **continent** and number of countries with populations of at least 10 million.

select continent, count(name) from world where population > 10000000 group by continent

Submit SQL

Restore default

Correct answer

continent	count(name)
Africa	28
Asia	27

Caribbean	2
Eurasia	1
Europe	13
North America	4
Oceania	1
South America	8

8.

List the continents that **have** a total population of at least 100 million.

select continent from world group by continent having sum(population) > 100000000

Submit SQL

Restore default

Correct answer

continent		
Africa		
Asia		
Eurasia		
Europe		
North America		
South America		

Clear your results

SUM and COUNT Quiz

The nobel table can be used to practice more SUM and COUNT functions.

The next tutorial looks at the Table Tennis database. It shows how queries may use records from two related tables.

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