

**SELECT** basics

SELECT from world

SELECT from nobel

SELECT in SELECT

SUM and COUNT

quiz

quiz

quiz

quiz

quiz JOIN

quiz

quiz

quiz

quiz

More JOIN

**Using NULL** 

Self JOIN

Reference

NoSQL zoo

**SELECT** 

**Functions** 

UPDATE DELETE

DROP ALTER

UNION

**NULL** 

Tools

LEFT JOIN

What links here

Related changes

Special pages Printable version

Permanent link

Page information

SELECT .. WHERE

SELECT .. JOIN

SELECT .. SELECT

INSERT .. VALUES

**INSERT .. SELECT** 

**CREATE TABLE** 

**CREATE VIEW CREATE INDEX** 

SELECT .. GROUP BY

SUM and COUNT



**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          |
|-------------|-----------|---------|------------|--------------|
| Afghanistar | Asia      | 652230  | 25500100   | 20343000000  |
| Albania     | Europe    | 28748   | 2831741    | 12960000000  |
| Algeria     | Africa    | 2381741 | 37100000   | 188681000000 |
| Andorra     | Europe    | 468     | 78115      | 3712000000   |
| Angola      | Africa    | 1246700 | 20609294   | 100990000000 |
|             |           |         |            |              |

You might want to look at these examples first

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

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

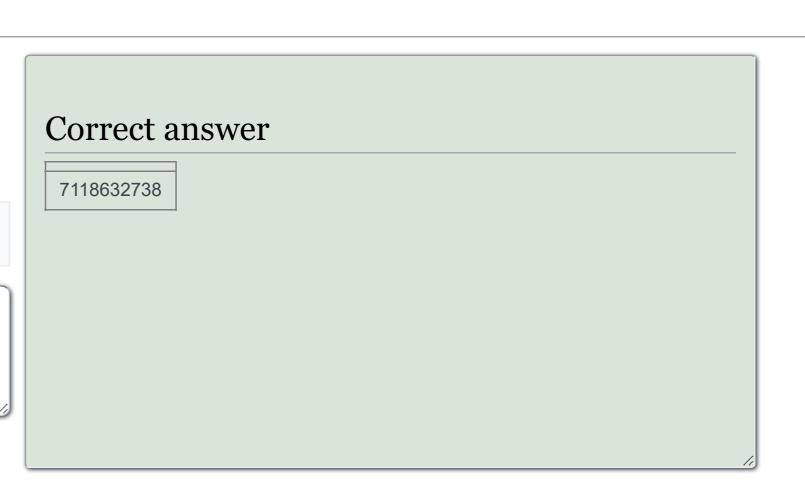
Total world population



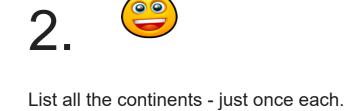
Show the total **population** of the world.

SELECT SUM(population) FROM world

> Submit SQL Restore default



List of continents



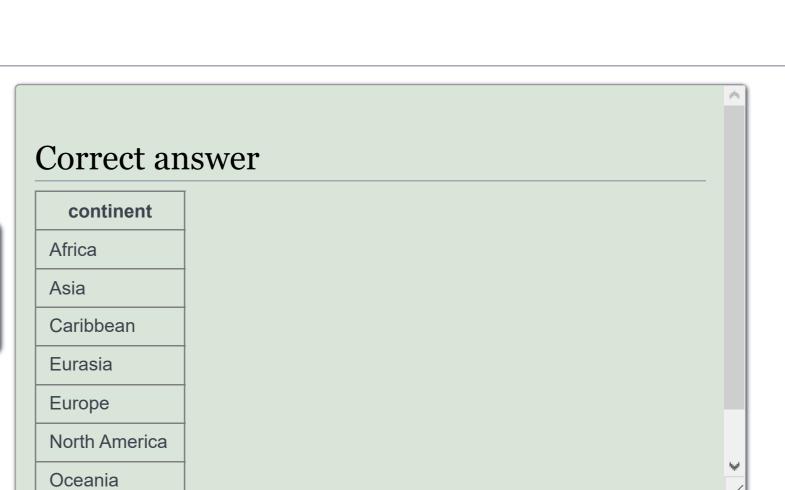
FROM world

Submit SQL

Restore default

Restore default

SELECT DISTINCT continent

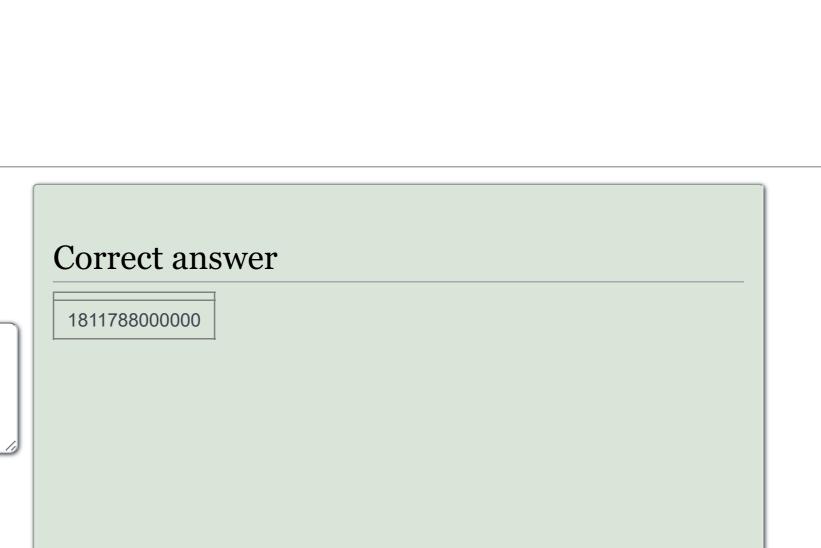


**GDP** of Africa

SELECT SUM(gdp) FROM world WHERE continent = 'Africa'

Give the total GDP of Africa

Submit SQL



Count the big countries

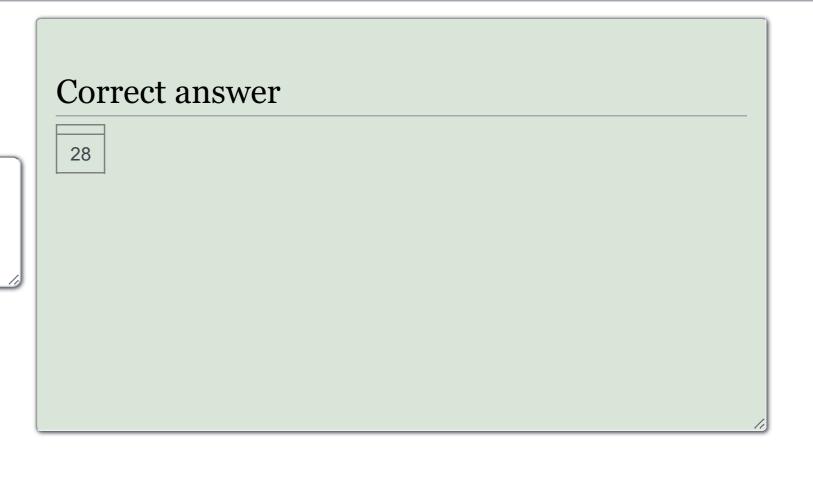


How many countries have an **area** of at least 1000000

SELECT COUNT(name) FROM world WHERE area >= 1000000

Submit SQL

Restore default



Baltic states population



What is the total **population** of ('Estonia', 'Latvia', 'Lithuania') SELECT SUM(population)

FROM world

WHERE name IN ('Estonia', 'Latvia', 'Lithuania')

Submit SQL

Restore default

Correct answer 6251750

Using GROUP BY and HAVING

You may want to look at these examples: Using GROUP BY and HAVING. Counting the countries of each continent



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

SELECT continent, COUNT(name) FROM world

GROUP BY continent

Submit SQL Restore default

Correct answer continent 53 Africa 47 Asia 11 Caribbean Eurasia 2 44 Europe North America 11 14 Oceania

Counting big countries in each continent



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 Africa 29 26 Asia Caribbean Eurasia 14 Europe North America 1 Oceania

Counting big continents

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

Powered by MediaWiki

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.

Categories: Pages using deprecated source tags | Languages pages

This page was last edited on 24 March 2020, at 10:43. Privacy policy About SQLZOO Disclaimers