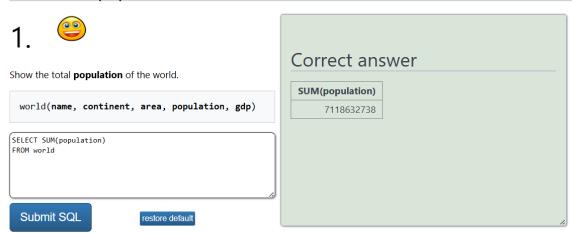
TASK SQL

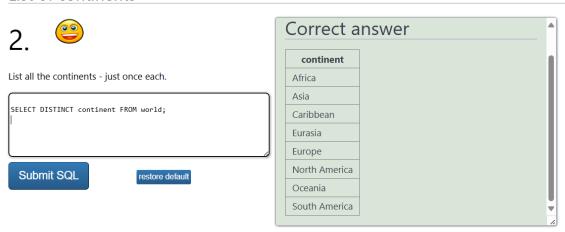
Ahmed Osama Salah

Tech mind

Total world population

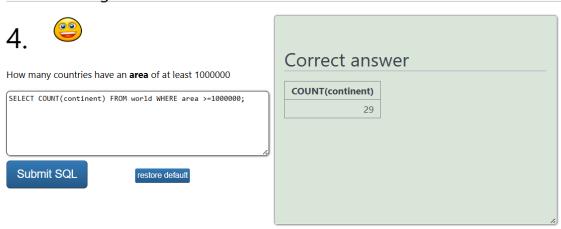


List of continents

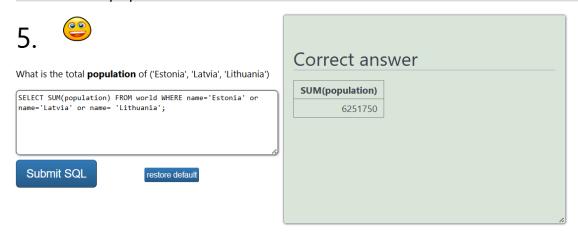


GDP of Africa Give the total GDP of Africa SELECT SUM(gdp) FROM world WHERE continent='Africa'; Submit SQL restore default

Count the big countries



Baltic states population



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



Counting big countries in each continent

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 COUNT(name) continent Africa 29 26 Asia 2 Caribbean Eurasia 1 14 Europe North America 4 South America 8

Counting big continents



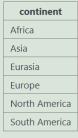


List the continents that **have** a total population of at least 100 million.

SELECT continent FROM world GROUP BY continent HAVING SUM(population)>=100000000

Submit SQL

restore default



Winners from 1950





Change the query shown so that it displays Nobel prizes for 1950.

SELECT yr, subject, winner FROM nobel WHERE yr = 1950 Submit SQL





1962 Literature



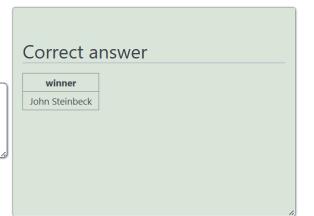


Show who won the 1962 prize for literature.

SELECT winner FROM nobel WHERE yr = 1962
AND subject = 'literature'



restore default

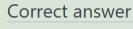


Albert Einstein



Show the year and subject that won 'Albert Einstein' his prize.

SELECT yr , subject FROM nobel where winner = 'Albert Einstein' Submit SQL restore default





Recent Peace Prizes



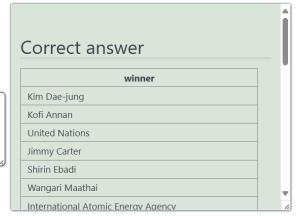


Give the name of the 'peace' winners since the year 2000, including 2000.

SELECT winner
FROM nobel
WHERE subject ='peace' and yr >=2000;

Submit SQL

restore default



Literature in the 1980's

5.



Show all details (**yr, subject, winner**) of the literature prize winners for 1980 to 1989 inclusive.

SELECT yr, subject, winner FROM nobel WHERE subject ='literature ' and yr BETWEEN 1980 and 1989;

Submit SQL

restore default

Correct answer

yr	subject	winner
1980	literature	Czes?aw Mi?osz
1981	literature	Elias Canetti
1982	literature	Gabriel García Márquez
1983	literature	William Golding
1984	literature	Jaroslav Seifert
1985	literature	Claude Simon
1986	literature	Wole Sovinka

Only Presidents





Show all details of the presidential winners:

- Theodore Roosevelt
- Thomas Woodrow Wilson
- Jimmy Carter
- Barack Obama

SELECT * FROM nobel
WHERE winner IN ('Theodore Roosevelt',
'Thomas Woodrow Wilson',
'Barack Obama',
'Jimmy Carter')

Submit SQL

restore default

1906 pe	ace	Theodore Roosevelt
2002 pe	ace	Jimmy Carter
2009 pe	ace	Barack Obama

John

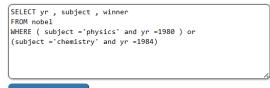


Chemistry and Physics from different years





Show the year, subject, and name of physics winners for 1980 together with the chemistry winners for 1984.





restore default

yr	subject	winner
1980	physics	James Cronin
1980	physics	Val Fitch
1984	chemistry	Bruce Merrifield

Exclude Chemists and Medics

9.



Show the year, subject, and name of winners for 1980 excluding chemistry and medicine

```
SELECT yr , subject , winner
FROM nobel
WHERE subject NOT IN ('chemistry' ,'medicine') and yr =1980
```

Submit SQL

restore default

Correct answer

yr	subject	winner
1980	literature	Czes?aw Mi?osz
1980	peace	Adolfo Pérez Esquivel
1980	physics	James Cronin
1980	physics	Val Fitch

Early Medicine, Late Literature

10.



Show year, subject, and name of people who won a 'Medicine' prize in an early year (before 1910, not including 1910) together with winners of a 'Literature' prize in a later year (after 2004, including 2004)

SELECT yr , subject , winner FROM nobel WHERE (subject ='Medicine' and yr <1910) or (subject ='Literature' and yr >= 2004)

Submit SQL

restore default

yr	subject	winner	
1901	medicine	Emil von Behring	
1902	medicine	Ronald Ross	
1903	medicine	Niels Ryberg Finsen	
1904	medicine	Ivan Pavlov	
1905	medicine	Robert Koch	
1906	medicine	Camillo Golgi	
1906	medicine	Santiago Ramón y Cajal	