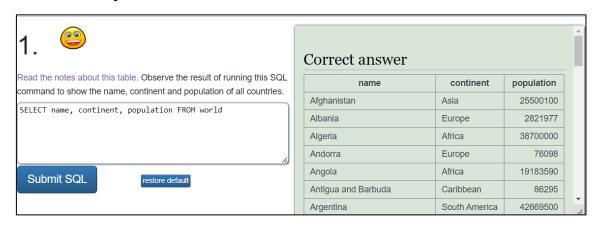
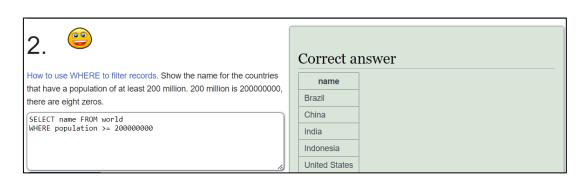
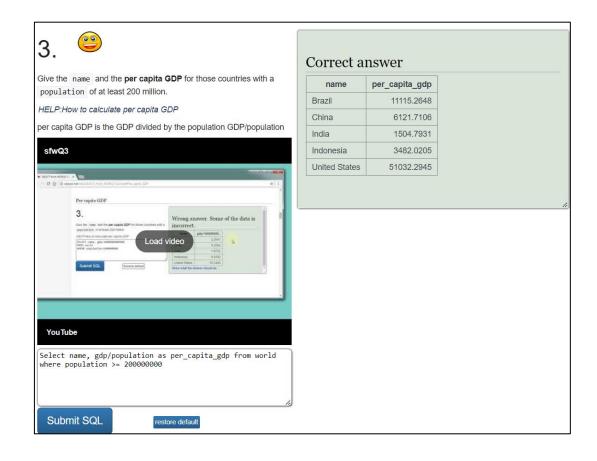
TABLE NAME- WORLD

In this tutorial you will use the SELECT command on the table world:







5



Show the name and population for France, Germany, Italy

Select name, population from world where name in ('France','Germany', 'Italy')

Correct answer

name	population
France	65906000
Germany	80716000
Italy	60782668

4.



Show the name and population in millions for the countries of the continent 'South America'. Divide the population by 1000000 to get population in millions.

Select name, population/1000000 as population_millions from world where continent = 'South America'

Submit SQL

restore default

Correct answer

name	population_mi
Argentina	42.6695
Bolivia	10.0273
Brazil	202.7940
Chile	17.7730
Colombia	47.6620
Ecuador	15.7742
Guyana	0.7849

6



Show the countries which have a name that includes the word 'United'

select name from world where name like '%United%'

Correct answer

name
United Arab Emirates

United Kingdom
United States

7.



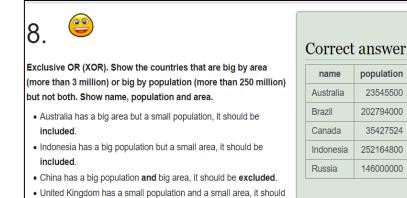
Two ways to be big: A country is **big** if it has an area of more than 3 million sq km or it has a population of more than 250 million.

Show the countries that are big by area or big by population. Show name, population and area.

select name, population, area from world where area > 3000000 or population >250000000

Correct answer

name	population	area	
Australia	23545500	7692024	
Brazil	202794000	8515767	
Canada	35427524	9984670	
China	1365370000	9596961	
India	1246160000	3166414	
Indonesia	252164800	1904569	
Russia	146000000	17125242	



select name, population, area from world where area > 3000000 xor population >250000000

9.	Correct answe	er	
Show the name and population in millions and the GDP in billions for the countries of the continent 'South America'. Use the ROUND	name	Population_mi	Gdp_billions
function to show the values to two decimal places.	Argentina	42.67	477.03
For Americas show population in millions and GDP in billions	Bolivia	10.03	27.04
both to 2 decimal places.	Brazil	202.79	2254.11
Millions and billions	Chile	17.77	268.31
Missing decimals	Colombia	47.66	369.81
Select name, round(population/1000000,2) as Population_millions, round(gdp/100000000,2) as	Ecuador	15.77	87.50
Gdp_billions from world where continent = "South America"	Guyana	0.78	2.85

area

7692024

8515767

9984670

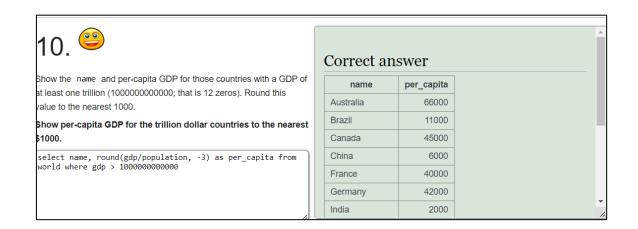
1904569

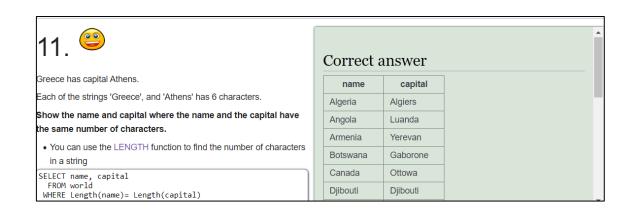
17125242

HINT: ROUND(f,p) returns f rounded to p decimal places.

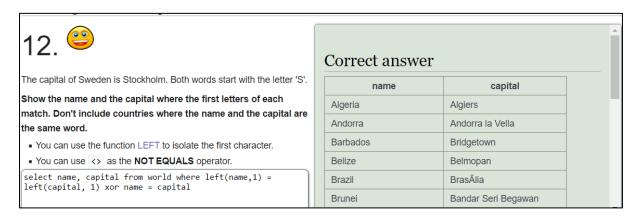
The number of decimal places may be negative, this will round to the nearest 10 (when p is -1) or 100 (when p is -2) or 1000 (when p is -3) etc..

ROUND(7253.86, 0) -> 7254 ROUND(7253.86, 1) -> 7253.9 ROUND(7253.86,-3) -> 7000





HINT: LENGTH(s) returns the number of characters in string s. LENGTH('Hello') -> 5



HINT: LEFT(s,n) allows you to extract n characters from the start of the string s.

LEFT('Hello world', 4) -> 'Hell'

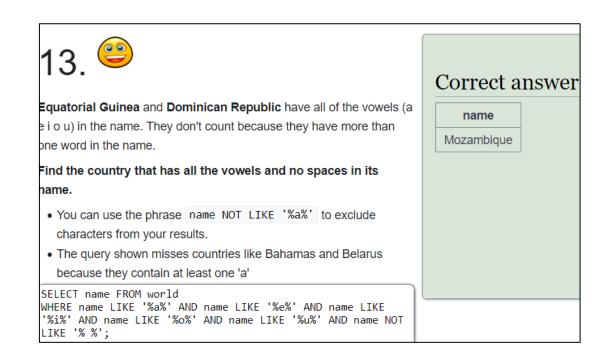
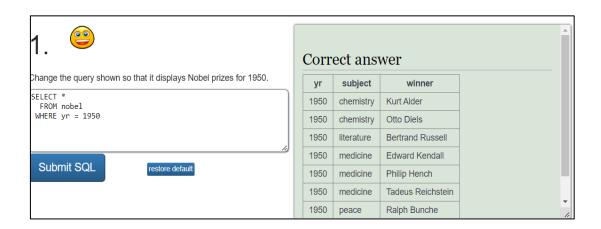
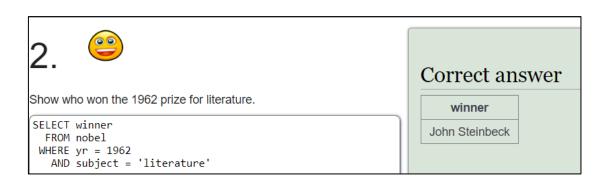
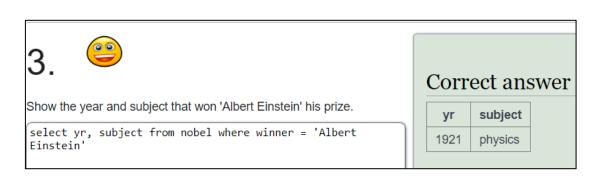
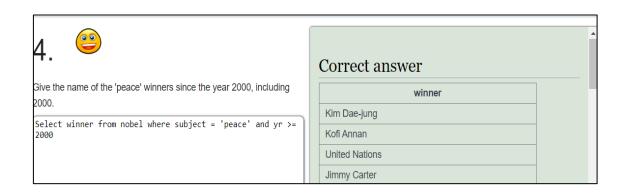


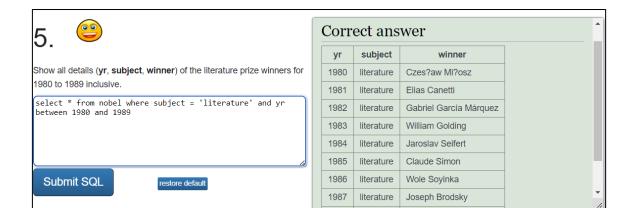
TABLE NAME: NOBEL











6.



Show all details of the presidential winners:

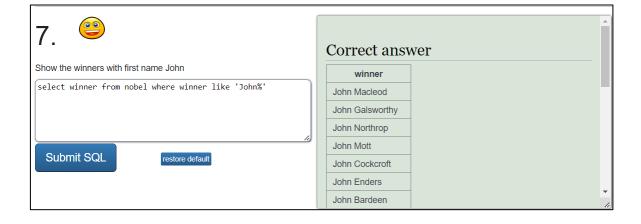
- Theodore Roosevelt
- Woodrow Wilson
- Jimmy Carter
- Barack Obama

select * from nobel where winner in ('Theodore Roosevelt',
 'Woodrow Wilson',
 'Jimmy Contan'

'Jimmy Carter', 'Barack Obama')

Correct answer

yr	subject	winner
1906	peace	Theodore Roosevelt
1919	peace	Woodrow Wilson
2002	peace	Jimmy Carter
2009	peace	Barack Obama



8.



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

select * from nobel where (subject = 'Physics' and yr =
'1980') or (subject = 'chemistry' and yr = '1984')

Correct answer

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



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

select * from nobel where yr = '1980' and subject not in ('chemistry' , 'medicine')

Correct answer

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



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)

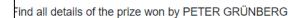
select * from nobel where (subject = 'medicine' and yr <
1910) or (subject = 'literature' and yr >= 2004)

Submit SQL

restore default

Correct answer

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



Non-ASCII characters

select * from nobel where winner = 'PETER GRÜNBERG'

Select * from nobel where winner like 'PETER GR%NBERG'

Correct answer

yr	subject	winner
2007	physics	Peter Grünberg

12. 🥯



Find all details of the prize won by EUGENE O'NEILL

Escaping single quotes

You can't put a single quote in a quote string directly. You can use two single quotes within a quoted string.

select * from nobel where winner = 'EUGENE O''NEILL'

Correct answer

yr	subject	winner
1936	literature	Eugene O'Neill

