



SELECT from Nobel Tutorial

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Self JOIN quiz

Reference

Tools

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inner

yr	subject	winner	
1960	Chemistry Willard F. Libby		
1960 Literature		Saint-John Perse	
1960	Medicine	Sir Frank Macfarlane Burnet	
1960	Medicine	Peter Madawar	

nobel Nobel Laureates

We continue practicing simple SQL queries on a single table.

This tutorial is concerned with a table of Nobel prize winners:

nobel(yr, subject, winner)

Using the SELECT statement.

Winners from 1950

1.

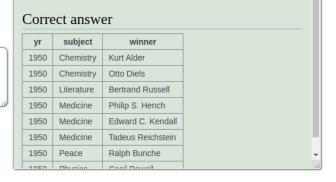


Change the query shown so that it displays Nobel prizes for 1950.

SELECT yr, subject, winner FROM <u>nobel</u> WHERE yr = 1950

Submit SQL

Restore default



1962 Literature

2

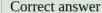


Show who won the 1962 prize for Literature.

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

Submit SQL

Restore default



winner

John Steinbeck

Albert Einstein

Submit SQL

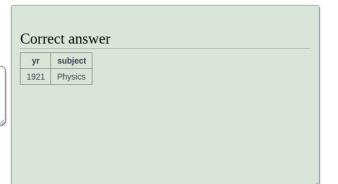




Show the year and subject that won 'Albert Einstein' his prize.

SELECT yr, subject
FROM nobel
WHERE winner = 'Albert Einstein'

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



winner	
Tunisian National Dialogue Quartet	
Kailash Satyarthi	
Malala Yousafzai	
European Union	
Ellen Johnson Sirleaf	
Leymah Gbowee	
Tawakel Karman	
Liu Viacha	

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
1989	Literature	Camilo José Cela
1988	Literature	Naguib Mahfouz
1987	Literature	Joseph Brodsky
1986	Literature	Wole Soyinka
1985	Literature	Claude Simon
1984	Literature	Jaroslav Seifert
1983	Literature	William Golding
1000	Litoratura	Cabriol Carola Márguaz

Only Presidents





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 Carter',
'Barack Obama')
```

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

Submit SQL

Restore default

John

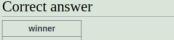


Show the winners with first name John

SELECT winner FROM nobel WHERE winner LIKE 'John%'

Submit SQL

Restore default



John O'Keefe John B. Gurdon John C. Mather John L. Hall John B. Fenn John E. Sulston John Pople

Chemistry and Physics from different years

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)

Submit SQL

Restore default

Correct answer

yr	subject	winner	
1984	Chemistry	Bruce Merrifield	
1980	Physics	James Cronin	
1980	Physics	Val Fitch	

Exclude Chemists and Medics

9.



Show the year, subject, and name of winners for 1980 excluding **Chemistry and Medicine**

SELECT *
FROM nobel
WHERE NOT subject IN ('Chemistry', 'Medicine')
AND yr = 1980

Submit SQL

Restore default

Correct answer

yr	subject	winner	
1980	Economics	Lawrence R. Klein	
1980	Literature	Czeslaw Milosz	
1980	Peace	Adolfo Pérez Esquivel	
1980	Physics	James Cronin	
1980	Physics	Val Fitch	

Early Medicine, Late Literature

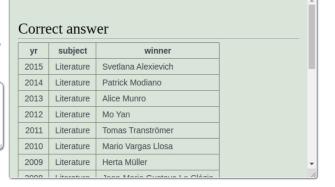
10.



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 * FROM WHERE subject = 'medicine' AND yr < 1910 OR subject = 'literature' AND yr >= 2004

Restore default



Nobel Quiz

Harder Questions

Submit SQL

Umlaut

11.



Find all details of the prize won by PETER GRÜNBERG

Non-ASCII characters

The u in his name has an umlaut. You may find this link useful https://en.wikipedia.org/wiki/%C3%9C#Keyboarding ₽

nobel WHERE winner = 'PETER GRÜNBERG'

Submit SQL

Restore default

Correct answer

yr	subject	winner	
2007	Physics	Peter Grünberg	

Apostrophe



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

Escaping single quotes

SELECT * FROM nobel WHERE winner = 'EUGENE 0\'NEILL'

Submit SQL

Restore default

Correct answer

yr	subject	winner	
1936	Literature	Eugene O'Neill	



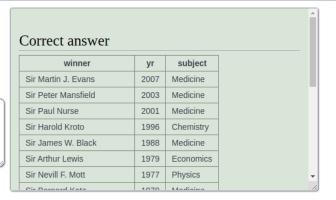
Knights in order

List the winners, year and subject where the winner starts with Sir. Show the the most recent first, then by name order.

SELECT winner, yr, subject FROM <u>nobel</u> WHERE winner LIKE 'Sir%' ORDER BY yr DESC, winner ASC

Submit SQL

Restore default



Chemistry and Physics last

The expression subject IN ('Chemistry', 'Physics') can be used as a value - it

Show the 1984 winners and subject ordered by subject and winner name; but list Chemistry and Physics last.

SELECT winner, subject
FROM nobel
WHERE yr=1984
ORDER BY subject IN ('Physics','Chemistry'), subject,





Category: Languages pages



Lista das Melhores Ações

Mais de 39 Mil Pessoas Acompanham As Ideias do "As Melhores Ações da Bolsa". Conheça.



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