SELECT from Nobel Tutorial

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nobel

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 nobel WHERE yr = 1950

Submit SQL

Restore default

Correct answer

yr	subject	winner
1950	Chemistry	Kurt Alder
1950	Chemistry	Otto Diels
1950	Literature	Bertrand Russell
1950	Medicine	Philip S. Hench
1950	Medicine	Edward C. Kendall
1950	Medicine	Tadeus Reichstein
1950	Peace	Ralph Bunche
1050	Dhynion	Cooil Powell

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

Correct answer

winner

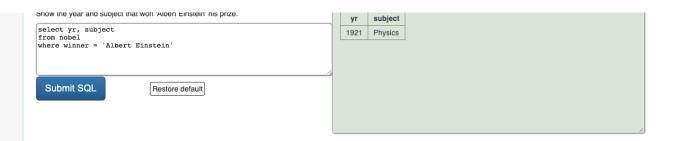
John Steinbeck

Albert Einstein

3



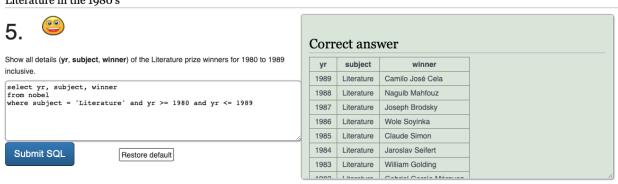
Correct answer



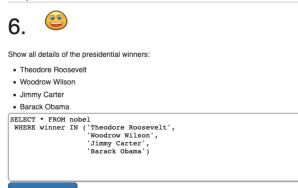
Recent Peace Prizes



Literature in the 1980's



Only Presidents

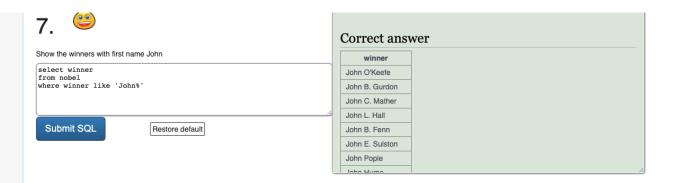


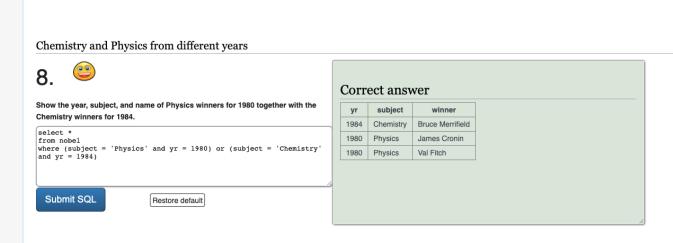
Correct answer

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

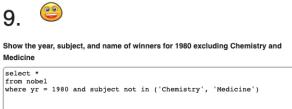
Submit SQL

Restore default





Exclude Chemists and Medics



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





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)

where (subject = 'Medicine' and yr < 1910) or (subject = 'Literature' and yr >= 2004)

Submit SQL

Restore default

Correct answer

yr	subject	winner
2015	Literature	Svetlana Alexievich
2014	Literature	Patrick Modiano
2013	Literature	Alice Munro
2012	Literature	Mo Yan
2011	Literature	Tomas Tranströmer
2010	Literature	Mario Vargas Llosa
2009	Literature	Herta Müller
2000	Litoroturo	Joan Maria Guatava La Clázia

Harder Questions

Umlaut



Apostrophe



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'

Submit SQL

Restore default

Correct answer

1936 Literature	Eugene O'Neill

Knights of the realm

13.



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 nobel where winner like 'Sir%' order by yr desc, winner

Submit SQL

Restore default

Correct answer

winner	yr	subject
Sir Martin J. Evans	2007	Medicine
Sir Peter Mansfield	2003	Medicine
Sir Paul Nurse	2001	Medicine
Sir Harold Kroto	1996	Chemistry
Sir James W. Black	1988	Medicine
Sir Arthur Lewis	1979	Economics
Sir Nevill F. Mott	1977	Physics
Cir Barnard Kata	1070	Madiaina

Chemistry and Physics last





The expression subject IN ('Chemistry','Physics') can be used as a value - it will be 0 or

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 ('Chemistry', 'Physics'), subject, winner;

Submit SQL

Restore default

Correct answer

winner	subject
Richard Stone	Economics
Jaroslav Seifert	Literature
César Milstein	Medicine
Georges J.F. Köhler	Medicine
Niels K. Jerne	Medicine
Desmond Tutu	Peace
Bruce Merrifield	Chemistry
Carlo Bubbio	Dhysics



Category: Languages pages

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