

SELECT from Nobel Tutorial

Language: English • 日本語 • 中文

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Contents

- 1 nobel Nobel Laureates
- 2 Winners from 1950
- 3 1962 Literature
- 4 Albert Einstein
- 5 Recent Peace Prizes
- 6 Literature in the 1980's
- 7 Only Presidents
- 8 John
- 9 Chemistry and Physics from different years
- 10 Exclude Chemists and Medics
- 11 Early Medicine, Late Literature
- 12 Harder Questions
- 13 Umlaut
- 14 Apostrophe
- 15 Knights of the realm
- 16 Chemistry and Physics last

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

result

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](#)

result

Albert Einstein

3.

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

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

Submit SQL

restore default

result

Recent Peace Prizes

4.

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

result

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](#)

result

Only Presidents

6.

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',  
    'Jimmy Carter',  
    'Barack Obama');
```

Submit SQL

restore default

result

John**7.**

Show the winners with first name John

```
select winner from nobel where winner like 'JOHN %';
```

Submit SQL[restore default](#)

result

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](#)

result

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 yr = 1980
AND subject NOT IN ('Chemistry', 'Medicine');
```

Submit SQL

restore default

result

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](#)

result

Harder Questions

Umlaut

11.

Find all details of the prize won by PETER GRÜNBERG

Non-ASCII characters

```
select yr, subject, winner from nobel where winner ='PETER GRÜNBERG';
```

[Submit SQL](#)

[restore default](#)

```
result
```

Apostrophe

12.

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

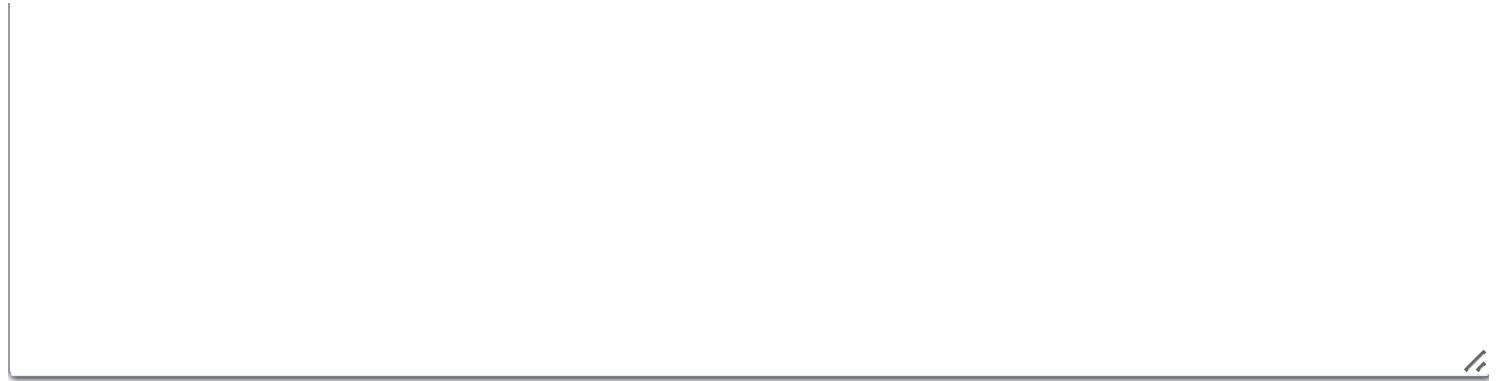
Escaping single quotes

```
select yr, subject, winner from nobel where winner ="EUGENE O'NEILL";
```

Submit SQL

restore default

```
result
```



Knights of the realm

13.

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 nobel where winner like 'sir%' order by yr desc , winner;
```

Submit SQL[restore default](#)

result

Chemistry and Physics last 14.

The expression **subject IN ('chemistry','physics')** can be used as a value - it will be **0** or **1**.

Show the 1984 winners and subject ordered by subject and winner name; but list chemistry and physics last.

sqlzoo Nobel 14



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

Submit SQL

restore default

result



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