

# SELECT from Nobel Tutorial

Language: English • 日本語 • 中文

> Burnet

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## 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 * from nobel where subject='literature' and yr>= 1980 and yr <= 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 yr,subject,winner 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

Nobel Quiz

## Harder Questions

### Umlaut

11.

Find all details of the prize won by PETER GRÜNBERG

*Non-ASCII characters*

---

```
select * from nobel where winner='PETER GRUNBERG';
```

[Submit SQL](#)[restore default](#)

result

## Apostrophe

### 12.

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

*Escaping single quotes*

```
select * 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 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



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```
SELECT winner, subject,from nobel where subject in ('%physics','%chemistry')or yr=1984
ORDER BY subject,winner;
```

[Submit SQL](#)[restore default](#)

result

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