

#Day 3 nobel Nobel Laureates

1.

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

```
SELECT yr, subject, winner
FROM nobel
WHERE yr = 1950
```

2.

Show who won the 1962 prize for Literature.

```
SELECT winner

FROM nobel

WHERE yr = 1962

AND subject = 'Literature'
```

3.

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

```
SELECT yr,subject

FROM nobel

WHERE winner = 'Albert Einstein'
```

4.

Give the name of the 'Peace' winners since the year 2000, including 2000.

```
SELECT winner  
  
FROM nobel  
  
WHERE yr >= 2000 and subject = 'Peace'
```

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 BETWEEN 1980 AND 1989
```

Only Presidents

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 Carter',  
                'Barack Obama' )
```

John

7.

Show the winners with first name John

```
SELECT winner FROM nobel  
  
WHERE winner LIKE 'John%'
```

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 yr = 1980 AND subject = 'Physics'  
  
OR yr = 1984 AND subject = 'Chemistry'
```

Exclude Chemists and Medics

9.

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')
```

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 nobel

WHERE subject = 'Medicine' AND yr < 1910 OR

subject = 'Literature' AND yr >= 2004
```

11.

Find all details of the prize won by PETER GRÜNBERG

```
SELECT * FROM nobel

WHERE winner = 'PETER GRÜNBERG'
```

Apostrophe

12.

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

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'
```

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
```

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.

```
SELECT winner, subject
```

```
FROM nobel
```

```
WHERE yr=1984
```

```
ORDER BY
```

```
CASE WHEN subject IN ('Physics','Chemistry') THEN 1
```

```
ELSE 0 END,
```

```
subject,winner
```