SELECT from Nobel Tutorial

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 subject = 'Peace'
and yr >= 2000;
```

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 >= 1980
and yr <= 1989;
```

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');
```

7.

Show the winners with first name John

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

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;
```

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');
```

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);
```

11.

Find all details of the prize won by PETER GRÜNBERG

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

12.

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

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

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;
```

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