



1. For 1950.

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

Restore default

Submit SQL

yr	subject	winner	yr	subject	winner
1950	Chemistry	Kurt Alder	1960	Chemistry	Willard F. Libby
1950	Chemistry	Otto Diels	1960	Literature	Saint-John Perse
1950	Literature	Bertrand Russell	1960	Medicine	Sir Frank Macfarlane Burnet
1950	Medicine	Philip S. Hench	1960	Medicine	Peter Medawar
1950	Medicine	Edward C. Kendall			
1950	Medicine	Tadeus Reichstein			
1950	Peace	Ralph Bunche			
1950	Physics	Cecil Powell			



2. Show who won the 1962 prize for Literature.

```
SELECT winner
FROM nobel
WHERE yr = 1962
AND subject = 'Literature'
```

Correct answer

winner

John Steinbeck



3. Show the year and subject that won Albert Einstein the

prize.

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

Restore default

Submit SQL

Correct answer

yr subject

1921 Physics

yr	subject	winner
1960	Chemistry	Willard F. Libby
1960	Literature	Saint-John Perse
1960	Medicine	Sir Frank Macfarlane Burnet
1960	Medicine	Peter Medawar
...		

reference year 2000, including 2000.

4.



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

Restore default

Submit SQL

nobel		
yr	subject	winner
1960	Chemistry	Willard F. Libby
1960	Literature	Saint-John Perse
1960	Medicine	Sir Frank Macfarlane Burnet
1960	Medicine	Peter Medawar
...		
Muhammad Yunus		
International Atomic Energy Agency		
Mohamed ElBaradei		
Wangari Maathai		
Shirin Ebadi		
Jimmy Carter		
United Nations		
Kofi Annan		
Kim Dae-jung		

Show all details (**yr, subject, winner**) of the Literature prize winners for 1980 to 1989 inclusive.

5.



```
SELECT yr, subject, winner
FROM nobel
WHERE subject = 'Literature'
AND yr BETWEEN '1980' AND '1989'
```

1989	Literature	Camilo José Cela
1988	Literature	Naguib Mahfouz
1987	Literature	Joseph Brodsky
1986	Literature	Wole Soyinka
1985	Literature	Claude Simon
1984	Literature	Jaroslav Seifert
1983	Literature	William Golding

Show all details of the presidential winners ( **yr, subject, winner**) of the Peace prize for Roosevelt, 'Woodrow Wilson', 'Jed Bartlet', 'Jimmy Carter')

6.



```
SELECT yr, subject, winner FROM nobel
WHERE subject = 'Peace'
AND yr IN ('2002',
          '1919',
          '1906')
```

Restore default

Submit SQL

Correct answer

yr	subject	winner
1960	Chemistry	Willard F. Libby
1960	Literature	Saint-John Perse
1960	Medicine	Sir Frank Macfarlane Burnet
1960	Medicine	Peter Medawar
...		
2002	Peace	Jimmy Carter
1919	Peace	Woodrow Wilson
1906	Peace	Theodore Roosevelt

Show the winners with first name John

7.

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

Restore default

Submit SQL

winner

John C. Mather
John L. Hall
John B. Fenn
John E. Sulston
John Pople
John Hume
John E. Walker
John C. Harsanyi
John F. Nash Jr.
John C. Polanyi
John R. Vane

8.

In which years was the Physics prize awarded but no Chemistry prize. (WARNING - this question is way too hard for this level, you will need to use sub queries or joins).

```
SELECT yr
FROM nobel
WHERE subject='Physics'
NOT IN ( SELECT yr FROM nobel WHERE subject='Chemistry')
```

Restore default

Submit SQL

## Too few rows

yr

[Show correct result](#)

yr

1933

1924

1919

1917

## MongoDB Tutorial below....

```
update: use a language without creating name
db.users.update({name: 'Sue'}, { $addToSet: {languages: 'ruby'}});
Or we can add a new field to Cash
db.users.update({name: 'Cash'}, {'$set': {'age': 50}});
You can also push and pull items from arrays:
db.users.update({name: 'Sue'}, {'$push': {'languages': 'ruby'}});
db.users.update({name: 'Sue'}, {'$pull': {'languages': 'scala'}});
Give these a try, check the results, and then enter 'next',
> db.users.update({name: 'Sue'}, {'$addToSet': {'languages': 'ruby'}});
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
> next
To delete matching documents only, add a query selector to the remove method:
db.users.remove({name: 'Sue'});
To delete everything from a collection:
db.scores.remove({});
> db.users.remove({name: 'Sue'});
WriteResult({ "nRemoved" : 0 })
> next
Congratulations! You've reached the end of this simple tutorial.
Now take the next step with free MongoDB Online training at MongoDB University - university.mongodb.com!
> |
```