

Engine: MySQL

SELECT
Functions
SELECT ... WHERE
SELECT ... GROUP BY
SELECT ... JOIN
SELECT ... SELECT
INSERT ... SELECT
UPDATE
DELETE
CREATE TABLE
CREATE VIEW
CREATE INDEX
DROP
ALTER
UNION
LEFT JOIN
NULL

SELECT from Nobel Tutorial

(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)
```

Exercises

Using the **SELECT** statement.

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

1.

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

Submit SQL

Restore default

Correct answer

| yr | subject | winner |
|------|------------|-------------------|
| 1950 | Chemistry | Kurt Alder |
| 1950 | Chemistry | Otto Diels |
| 1950 | Literature | Bertrand Russell |
| 1950 | Medicine | Philip S. Hench |
| 1950 | Medicine | Edward C. Kendall |
| 1950 | Medicine | Tadeus Reichstein |
| 1950 | Peace | Ralph Bunche |
| 1950 | Physics | Cecil Powell |

Show who won the 1962 prize for Literature.

Correct answer

9:48 AM
3/19/2015

ENG

Microsoft Edge

sqlzoo.net/wiki/SELECT_from_Nobel_Tutorial

SELECT from Nobel Tutorial

Tutorials

Assessments

Reference

Microsoft Edge

sqlzoo.net/wiki/SELECT_from_Nobel_Tutorial

SELECT from Nobel Tutorial

Tutorials

Assessments

Reference

Engine: MySQL

SELECT
Functions
SELECT ... WHERE
SELECT ... GROUP BY
SELECT ... JOIN
SELECT ... SELECT
INSERT ... SELECT
UPDATE
DELETE
CREATE TABLE
CREATE VIEW
CREATE INDEX
DROP
ALTER
UNION
LEFT JOIN
NULL

SELECT from Nobel Tutorial

(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)
```

Exercises

Using the **SELECT** statement.

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

1.

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

Submit SQL

Restore default

Correct answer

| yr | subject | winner |
|------|------------|-------------------|
| 1950 | Chemistry | Kurt Alder |
| 1950 | Chemistry | Otto Diels |
| 1950 | Literature | Bertrand Russell |
| 1950 | Medicine | Philip S. Hench |
| 1950 | Medicine | Edward C. Kendall |
| 1950 | Medicine | Tadeus Reichstein |
| 1950 | Peace | Ralph Bunche |
| 1950 | Physics | Cecil Powell |

Show who won the 1962 prize for Literature.

2.

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

Submit SQL

Restore default

Correct answer

| winner |
|----------------|
| John Steinbeck |

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

3.

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

Submit SQL

Restore default

Correct answer

| yr | subject |
|------|---------|
| 1921 | Physics |

9:48 AM
3/19/2015

ENG

Microsoft Edge

sqlzoo.net/wiki/SELECT_from_Nobel_Tutorial

SELECT from Nobel Tutorial

Tutorials

Assessments

Reference

Microsoft Edge

sqlzoo.net/wiki/SELECT_from_Nobel_Tutorial

SELECT from Nobel Tutorial

Tutorials

Assessments

Reference

sqlzoo.net/wiki/SELECT_from_Nobel_Tutorial

Tutorials ▾ Assessments ▾ Reference ▾

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

4. 😊

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

Submit SQL Restore default

Correct answer

| yr | subject | winner |
|------|---------|---|
| 2000 | Peace | Martti Ahtisaari |
| 2001 | Peace | Intergovernmental Panel on Climate Change |
| 2002 | Peace | Al Gore |
| 2003 | Peace | Grameen Bank |
| 2004 | Peace | Muhammad Yunus |
| 2005 | Peace | International Atomic Energy Agency |
| 2006 | Peace | Mohamed ElBaradei |
| 2007 | Peace | Wangari Maathai |

nobel

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

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

5. 😊

```
select *
from nobel
where subject = 'Literature'
and 1980 <= yr
and yr <= 1989
```

Submit SQL Restore default

Correct answer

| yr | subject | winner |
|------|------------|------------------------|
| 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 |
| 1982 | Literature | Gabriel García Márquez |

nobel

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

sqlzoo.net/wiki/SELECT_from_Nobel_Tutorial

Tutorials ▾ Assessments ▾ Reference ▾

Show all details of the presidential winners: ('Theodore Roosevelt', 'Woodrow Wilson', 'Jed Bartlet', 'Jimmy Carter')

6. 😊

```
SELECT * FROM nobel
WHERE winner in ('Theodore Roosevelt',
'Woodrow Wilson', 'Jed Bartlet', 'Jimmy Carter')
```

Submit SQL Restore default

Correct answer

| yr | subject | winner |
|------|---------|--------------------|
| 2002 | Peace | Jimmy Carter |
| 1919 | Peace | Woodrow Wilson |
| 1906 | Peace | Theodore Roosevelt |

nobel

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

Show the winners with first name John

7. 😊

```
SELECT winner FROM nobel
WHERE winner like ('John%')
```

Submit SQL Restore default

Correct answer

| winner |
|------------------|
| John C. Mather |
| John L. Hall |
| John B. Fenn |
| John E. Sulston |
| John Pople |
| John Hume |
| John E. Walker |
| John C. Harsanyi |

nobel

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

SQLZOO: SELECT from Nobel Tutorial

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 distinct yr
FROM
  nobel
WHERE
  yr not in (select yr from nobel where
  subject in ('Chemistry')) AND
  subject in ('Physics')
```

Correct answer

| yr |
|------|
| 1933 |
| 1924 |
| 1919 |
| 1917 |

Clear your results

Nobel Quiz

This page was last modified on 14 February 2014, at 10:29.
This page has been accessed 158,732 times.
Privacy policy About SQLZOO Disclaimers

try.mongodb.org

A MongoDB Shell in your browser

Just enough to scratch the surface.

```
> next
Update has the sometimes unexpected behavior of replacing the entire document. However, we can use update operators to only modify parts of our documents.
Update Sue's languages without overwriting them:
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',
> 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({});
> 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!
> |
```

Copyright © 2013 MongoDB, Inc. Licensed under Creative Commons. MongoDB, Mongo, and the leaf logo are registered trademarks of MongoDB, Inc.