

PW-02EN. SQL: TRAINING QUIZZES.

1. PRACTICE TARGET.

Learn how to create SQL Select Statements.

2. PRACTICE ASSIGNMENT.

2.1. Register on SQLzoo.net Site.

2.2. Fully complete 8 Tutorials and 6 Quizzes on SQLzoo.net:

2.3. Make Results Screenshot.

3. PRACTICE REPORT.

The report is provided electronic form with Report Blank.

The report includes:

3.1. Screenshot with completed Tutorials and Quizzes Green Line Pointer and with Your Account data.


RATING FORMATION.

Plus 5 points to final grade, if correctly made all assignments.

4. PRACTICE GUIDELINES.

4.1. REGISTER ON SQLZOO.NET SITE.

4.1.1. Go to in <https://sqlzoo.net/> and select Create account on right-up corner.



SQLZOO

SQL Tutorial

New server in place 16th Jan 2020. Report errors to <https://old.sqlzoo.net/> is still available at <https://old.sqlzoo.net/>

Tutorials: Learn SQL in stages

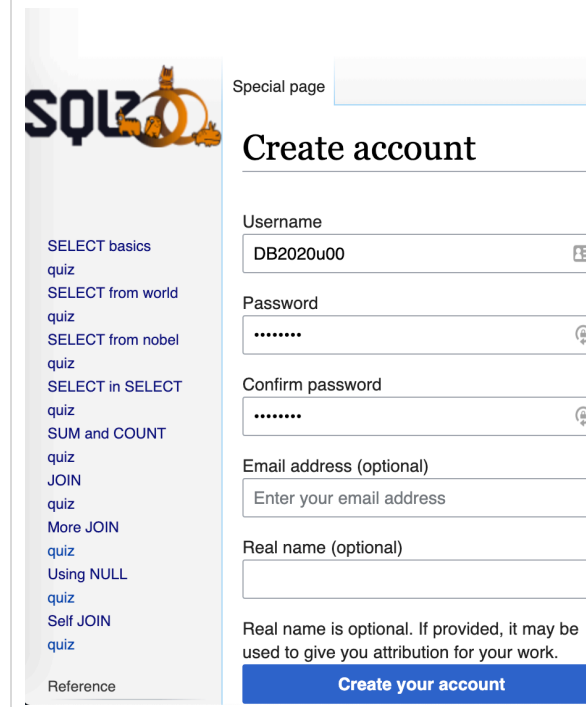
- 0 **SELECT basics**
Some simple queries to get you started
- 1 **SELECT name**
Some pattern matching queries
- 2 **SELECT from World**
In which we query the World country profile table.
- 3 **SELECT from Nobel**
Additional practice of the basic features using a table of Nobel Prize winners.
- 4 **SELECT within SELECT**
In which we form queries using other queries.
- 5 **SUM and COUNT**
In which we apply aggregate functions. [more the same](#)
- 6 **JOIN**
In which we join two tables: game and goals. [previously music tutorial](#)

SELECT basics
quiz
SELECT from world
quiz
SELECT from nobel
quiz
SELECT in SELECT
quiz
SUM and COUNT
quiz
JOIN
quiz
More JOIN
quiz
Using NULL
quiz
Self JOIN
quiz
Reference

Search SQLZOO

- Create account
- SQL Engine: MySQL
- Log in
- Read
- View source
- View history
- Main page
- Discussion

4.1.2. Fill in fields: Username, Password.



SQLZOO

Special page

Create account

Username
DB2020u00

Password
.....

Confirm password
.....

Email address (optional)
Enter your email address

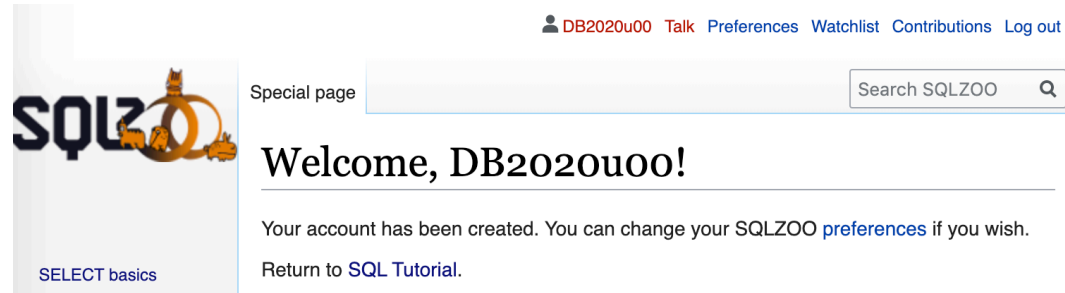
Real name (optional)

Real name is optional. If provided, it may be used to give you attribution for your work.

Create your account

SELECT basics
quiz
SELECT from world
quiz
SELECT from nobel
quiz
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quiz
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quiz
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quiz
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4.1.3. Result



DB2020u00 Talk Preferences Watchlist Contributions Log out

Special page

Search SQLZOO

Welcome, DB2020u00!

Your account has been created. You can change your SQLZOO [preferences](#) if you wish.

Return to [SQL Tutorial](#).

SELECT basics

4.2. SOLUTION EXAMPLE AND ANALYSIS WRONG ANSWER

4.2.0. Look the video-instructions

- Analysis for Wrong Answer: <https://youtu.be/5Md75Wfpocs>
- Solution Example for Select in Select Nr 5: <https://youtu.be/ICbLvHUNBG4>

4.2.1. Step by step process:

a. Question

2.

How to use WHERE to filter records. Show the name for the countries that have a population of at least 200 million. 200 million is 200000000, there are eight zeros.

```
SELECT name FROM world
WHERE population = 64105700
```

Submit SQL

Restore default

result

b. Wrong Answer

2.

How to use WHERE to filter records. Show the name for the countries that have a population of at least 200 million. 200 million is 200000000, there are eight zeros.

```
SELECT name FROM world
WHERE population = 64105700
```

Submit SQL

Restore default

Result:

name
United Kingdom

[Show what the answer should be...](#)

c. Result Analyze

2.

How to use WHERE to filter records. Show the name for the countries that have a population of at least 200 million. 200 million is 200000000, there are eight zeros.

```
SELECT name FROM world
WHERE population = 64105700
```

Submit SQL

Restore default

Result:

name
United Kingdom

[Show what the answer should be...](#)

name
Brazil
China
India
Indonesia

d. Correct Answer

2.



How to use WHERE to filter records. Show the name for the countries that have a population of at least 200 million. 200 million is 200000000, there are eight zeros.

```
SELECT name FROM world
WHERE population > 200000000
```

Submit SQL

Restore default

Correct answer

name
Brazil
China
India
Indonesia
United States

4.3. COMPLETE THE TUTORIALS AND QUIZZES.

4.3.0. You need fully complete 8 Tutorials and 6 Quizzes on SQLzoo.net:

- 0. [SELECT basics Tutorial](#). (3 tasks + 7 quiz questions)
- 1. [SELECT names Tutorial](#). (15 tasks + 0 quiz questions)
- 2. [SELECT from WORLD Tutorial](#). (13 tasks + 7 quiz questions)
- 3. [SELECT from Nobel Tutorial](#). (14 tasks + 7 quiz questions)
- 4. [SELECT within SELECT Tutorial](#). (10 tasks + 7 quiz questions)
- 5. [SUM and COUNT Tutorial](#). (8 tasks + 8 quiz questions)
- 6. [The JOIN operation Tutorial](#). (13 tasks + 7 quiz questions)
- 8+. [Numeric Examples Tutorial](#). (8 tasks + 0 quiz questions)

4.3.1. Select and Make SQL Tutorials Nr 0, 1, 2, 3, 4, 5, 6, 8+
https://sqlzoo.net/wiki/SQL_Tutorial

SQL Tutorial

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Tutorials: Learn SQL in stages

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Reference

4.3.2. Select and Execute Tutorial Quizzes Nr 1, 2, 3, 4, 5, 6.
https://sqlzoo.net/wiki/Tutorial_Quizzes

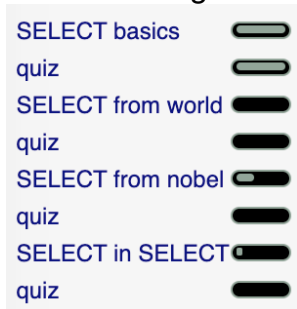
Tutorial Quizzes

There are multiple choice quizzes associated with each of the tutorials.
Use these to test your understanding of the material you have been studying.

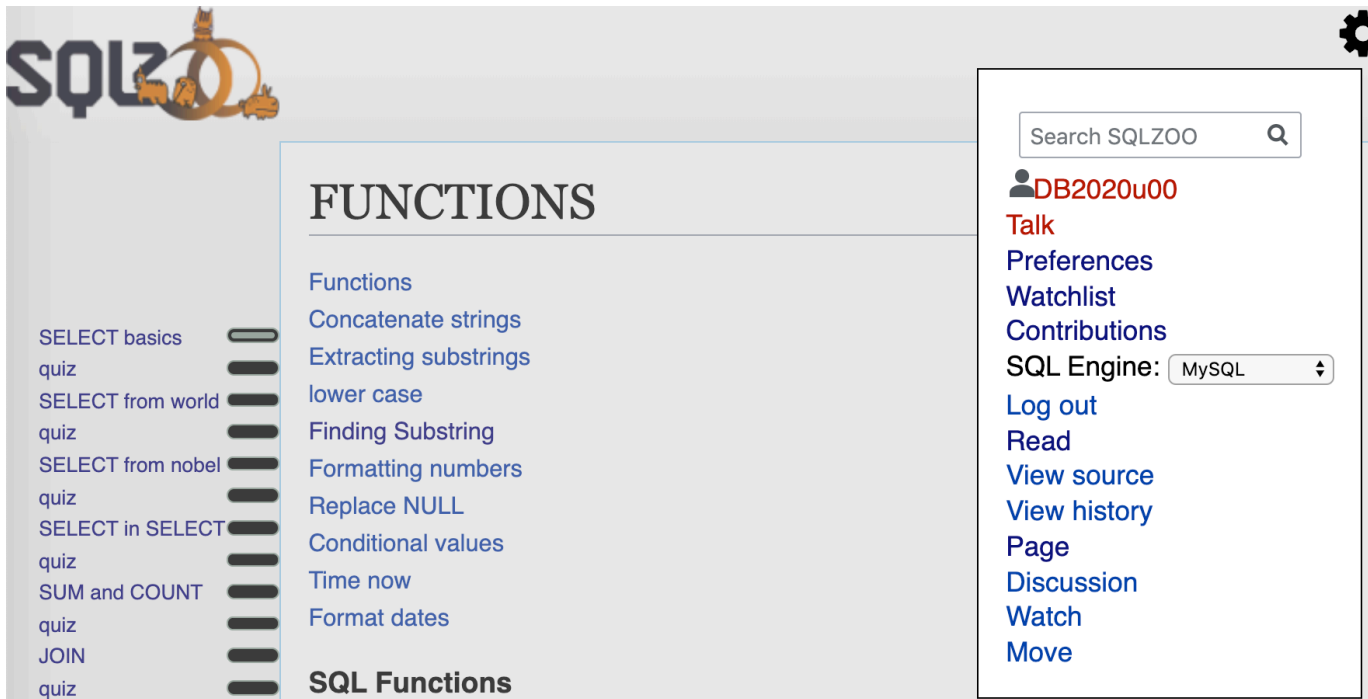
- 1.SELECT Quiz
- 2.BBC QUIZ
- 3.Nobel Quiz
- 4.Nested SELECT Quiz
- 5.SUM and COUNT Quiz
- 6.JOIN Quiz
- 7.JOIN Quiz 2

4.4. RESULT.

4.4.1. After right answers your line pointers full with **green** colors



4.4.2. Make Results Screenshot



4.4.3. Log out from SQLzoo.net.