

SQL Proficiency Test

Please use this tool to write and run your queries:

https://dbfiddle.uk/?rdbms=mysql_8.0&fiddle=b59813fadb012037876b3d6afa32e877

This tool allows you to test your SQL queries (creating tables, inserting data and querying online). Please generate CREATE TABLE statements, INSERT statements with provided data (from the excel file), and answer the questions below.

When submitting your test, please click on the run button (which will generate a **new url** with your inputs and results) and send the **new link** back to us.

1. Given 2 tables “users” and “training_details” (in attached excel file). Please write queries to get the list of users (with user_id and their respective names) who took a training lesson more than once in the same day, grouped by user and training lesson (training_id), each ordered from the most recent lesson date to oldest date

The answer should include these fields:

user_id	username	training_id	training_date	count
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2. Given the “Student_Score” table (in attached excel file) which recorded all test dates of the student with the corresponding Test Score. Take note that the test date was entered randomly and not in an increasing order. Please write queries to show the latest test score of each student.

The answer should include these fields:

TestID	Student_Name	Test_Score	TestDate
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3. Given the “covid_cases” table (in attached excel file) that recorded Covid19 cases and deaths in 10 South East countries from 2022-02-01 to 2022-02-16. Please write queries to show new cases and deaths on 2022-02-16, and the running total of cases and deaths from 2022-02-01 to 2022-02-16, ordered by countries with running total cases descending.

The answer should follow this format:

reported_date	location	new_cases	new_deaths	running_total_cases	running_total_deaths
2022-02-16	Indonesia				
2022-02-16	Vietnam				
2022-02-16	Malaysia				
2022-02-16	Thailand				
2022-02-16	Singapore				
2022-02-16	Philippines				
2022-02-16	Brunei				
2022-02-16	Laos				
2022-02-16	Cambodia				
2022-02-16	Timor				

10 rows

