

## Lab Exam 3 – advance information

Lab exam 3 is worth **25%** of your final mark. You should take and complete the exam within your registered CS130 lab timeslot.

In advance of the exam, there will be an SQL file containing CREATE and INSERT statements for you to create tables in YOUR OWN database schema. The tables and questions for Monday 2pm, Wednesday 9am and Thursday 3pm will be different.

The exam lasts **90 minutes**. It consists of writing 12 SQL queries for the tables you create in your own schema, executing them and entering the results in a Moodle quiz. You can have two attempts; after the first attempt you will be told which questions have incorrect results. **You must answer the questions in the order given** – deletes and updates will give different answers otherwise.

You **MUST** complete the exam during your regular CS130 Lab session. The questions will only be available and are different for each session.

The queries you have to write are similar to those in labs 6 to 9 and involve table UPDATES, DELETES and JOINS. Sample solutions to those labs not still open are now available on Moodle. In addition there will be some RELATIONAL ALGEBRA – you should look at how to convert equivalent statements between Relational Algebra and SQL (see lecture 17 slides).

You can prepare for the exam by reviewing the following RA/SQL constructs/operators

SELECT  
FROM  
WHERE  
COUNT  
ORDER BY  
ASC  
DESC  
NULL  
UPDATE  
SET  
DELETE  
JOIN  
ON  
~\*

### ? CS130\_LabExam3d

Started on	Thursday, 16 December 2021, 4:34 PM
State	Finished
Completed on	Thursday, 16 December 2021, 4:37 PM
Time taken	2 mins 33 secs
Marks	8.00/12.00
Grade	16.67 out of 25.00 (66.67%)

Question 1  
Correct  
Mark 1.00 out of 1.00  
[Flag question](#)

How many rows were returned?

Answer:  ✓

Question 2  
Incorrect  
Mark 0.00 out of 1.00  
[Flag question](#)

How many rows were affected by your query?

Answer:  ✗

Question 3  
Incorrect  
Mark 0.00 out of 1.00  
[Flag question](#)

How many rows were affected by this query?

Answer:  ✗

Question 4  
Incorrect  
Mark 0.00 out of 1.00  
[Flag question](#)

How many rows were affected by this query?

Answer:  ✖

Question 5  
Incorrect  
Mark 0.00 out of 1.00  
[Flag question](#)

How many rows were affected by your query?

Answer:  ✖

Question 6  
Correct  
Mark 1.00 out of 1.00  
[Flag question](#)

How many rows were affected by this query?

Answer:  ✔

Question 7  
Correct  
Mark 1.00 out of 1.00  
[Flag question](#)

How many rows were returned by your query?

Answer:  ✔

Question 8  
Correct  
Mark 1.00 out of 1.00  
[Flag question](#)

How many rows were returned by your query?

Answer:  ✔

Question 9  
Correct  
Mark 1.00 out of 1.00  
[Flag question](#)

How many rows were returned by your query?

Answer:  ✔

Question 10  
Correct  
Mark 1.00 out of 1.00  
[Flag question](#)

How many rows were returned by your query?

Answer:  ✔

Question 11  
Correct  
Mark 1.00 out of 1.00  
[Flag question](#)

How many rows were returned by your query?

Answer:  ✔

Question 12  
Correct  
Mark 1.00 out of 1.00  
[Flag question](#)

How many rows were returned by your query?

Answer:  ✔