Results

1 attempt left

Your Answers:

2.5 / 2.5 points

separately.

Feedback

2.5 / 2.5 points

FROM employee

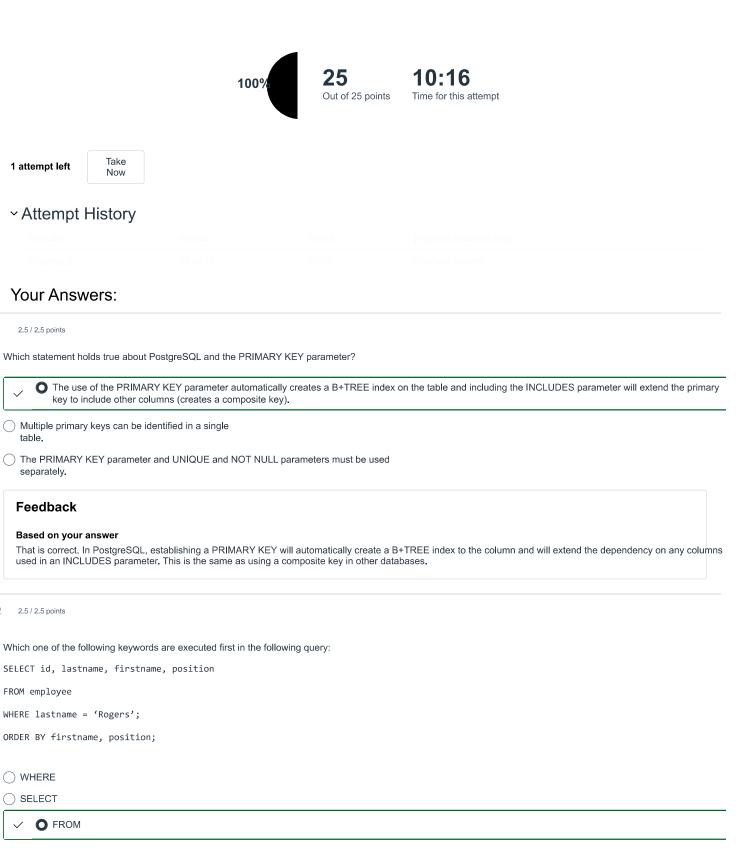
○ WHERE SELECT

ORDER BY

Based on your answer

Now

Seif Kungulio — 1st Attempt



Feedback

FROM

Based on your answer

That is correct. The WHERE keyword is executed first to identify the totality of the data to be queried. The JOIN keyword is also the first queried keyword when used.

3 2.5 / 2.5 points

A B+TREE index is essentially a decision tree that finds the path of least resistance to the rows of data queried by using the index value of the key in a node to get to the data written on disk.

✓ O True
○ False
4 2.5 / 2.5 points
Which of the following SQL statements will accurately remove rows from the employee table where the employee salary is less than 100 dollars?
ALTER TABLE employee
DELETE temp_hire
WHERE salary <= 100;
○ _{SELECT} *
FROM employee
DELETE column salary
WHERE salary < 100;
O DROP TABLE employee
WHERE salary < 100;
O DELETE FROM employee
WHERE salary < 100;

Feedback

Based on your answer

That is correct. To properly delete rows from a table, the DELETE FROM clause is required.

5 2.5 / 2.5 points

Setting table columns to only accept certain data types of varying lengths is an example of what type of SQL data quality policy?

Transaction Policy
Record Lock



Constraint

Feedback

Based on your answer

That is correct. A data type association to a column is a type of constraint put on the data that reduces data quality issues by ensuring all data within that attribute meets the same criteria.

6 2.5 / 2.5 points	
When ordering a mountain bike 150-hour fork servicing kit, o-rings, seals, and oil are all required. Each of these items are maintained separately as line items. Whe customer attempts to order a 150-hour service kit and the o-rings are not available, the order will not go through. Which principle does this represent in a relational database?	en a
✓ O Atomicity	
○ Consistency	
Durability	
○ Isolation	
Feedback	
Based on your answer	
Correct, Atomicity relates to the requirement that all three elements of the transaction must be completed or satisfied for the transaction to commit to the databath this case, the transaction is not successful as the business rule dictates that all three components must be used together.	se. In
7 2.5 / 2.5 points	
What is the requirement for a primary key in a table?	
The key must explain the variability in the table data	
The key must also be in other tables	
The key must be unique to the data in the table	
The key must be easily distinguishable to the programmer	
Feedback	
Based on your answer	
That is correct. A primary key must be unique to the data in the table. The key must be unique to each row in the table.	
8 2.5 / 2.5 points	
A set of karaoke books list every song. One book lists the songs by author and the other book lists the songs by song. What relational database principle does this represent?	
✓ An index	
○ A table	
○ A schema	
Feedback	
Paged on your appropri	

Based on your answer

That is correct. Distinguishing the songs by artist and song is a method of indexing for easier searching and retrieval. Allowing the singer to choose the easiest method of finding their desired song indexes the results of their search.

Tables	
○ Views	
Columns	
✓	
Feedback	
Based on your answer That is correct. The tuple is the entirety of a record represented by the row of data in the relational database. Each tuple or row has a shared set of attributes represented by the columns of data in the table.	;
2.5 / 2.5 points What is the correct sequence of SQL execution?	
FROM/JOIN, WHERE, GROUP BY, HAVING, SELECT, DISTINCT, ORDER BY, LIMIT/OFFSET	
WHERE, GROUP BY, SELECT, FROM, HAVING, DISTINCT, LIMIT	
SELECT, FROM, WHERE, GROUP BY, HAVING	
WHERE, SELECT, FROM, ORDER BY, LIMIT, GROUP BY, HAVING	
Feedback	
Based on your answer	

That is correct. The FROM/JOIN clauses are executed first to identify necessary table data for the query, then the WHERE clause filters the data, then calculations are done on GROUP BY and filtered on HAVING. The columns are then selected and constraints executed.