

Graded Quiz: Views, Stored Procedures and Transactions

Latest Submission Grade 100%

1.

Question 1

A stored procedure can:

1 / 1 point

☐

Be written in different languages

☐

Accept information

☐

Return results

☒

All of the above

Correct

Correct. All of the above are true.

2.

Question 2

What does ACID stand for?

1 / 1 point

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Atomic, Consistent, Isolated, Durable

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Alternative, Creative, Isolated, Durable

☐

Atomic, Consistent, Initiated, Duplicated

☐

Asynchronous, Complete, Individual, Direct

Correct

Correct. ACID transactions are Atomic - all or nothing, leave the database in a Consistent state, Isolated from any other process that changes the same data, and Durable - the changes they make are permanent.

3.

Question 3

Which of the following SQL statements will create a view named EMP_VIEW with an employee's First name, last name, and ID, based on the EMPLOYEES tables?

1 / 1 point

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CREATE VIEW EMP_VIEW (EMP_ID, FIRSTNAME, LASTNAME)

AS SELECT EMP_ID, F_NAME, L_NAME

FROM EMPLOYEES;



CREATE VIEW EMP_VIEW (EMP_ID, FIRSTNAME, LASTNAME)

FROM EMPLOYEES;



CREATE VIEW EMP_VIEW (EMP_ID, FIRSTNAME, LASTNAME)

AS SELECT EMP_ID, F_NAME, L_NAME;



NEW VIEW EMP_VIEW (EMP_ID, FIRSTNAME, LASTNAME)

AS SELECT EMP_ID, F_NAME, L_NAME

FROM EMPLOYEES;

Correct

This CREATE VIEW statement is correct. It has the correct view name and columns, the correct SELECT clause, and the correct FROM clause.

4.

Question 4

Which of the following SQL statements will create a view that lists only the employees in department number 7?

1 / 1 point



CREATE VIEW EMP_VIEW (EMP_ID, FIRSTNAME, LASTNAME)

AS SELECT EMP_ID, F_NAME, L_NAME

FROM EMPLOYEES

WHERE DEP_ID = 7;



CREATE VIEW EMP_VIEW (EMP_ID, FIRSTNAME, LASTNAME)

AS SELECT EMP_ID, F_NAME, L_NAME

WHERE DEP_ID = 7;



CREATE VIEW EMP_VIEW (EMP_ID, FIRSTNAME, LASTNAME)

AS SELECT EMP_ID, F_NAME, L_NAME

FROM EMPLOYEES

IF DEP_ID = 7;



CREATE VIEW EMP_VIEW (EMP_ID, FIRSTNAME, LASTNAME)

WHERE DEP_ID = 7

AS SELECT EMP_ID, F_NAME, L_NAME

FROM EMPLOYEES;

Correct

This CREATE VIEW statement is correct. It has the correct WHERE clause to extract only the employees in department 7.

5.

Question 5

You are developing an application that helps users transfer money from one bank account to another. In tests, the source account is debited, but the target account is not credited. Which of the following SQL commands undoes all the changes made during the transfer to leave the database in a stable state?

1 / 1 point



ROLLBACK



COMMIT



BEGIN



DROP

Correct

The ROLLBACK command undoes all the changes in the transaction, taking the database back to its initial state.