

41 Lecture - CS403

Important Mcqs

1. Which SQL statement is used to update data in multiple tables at once?

- A) UPDATE
- B) ALTER
- C) JOIN
- D) SELECT

Answer: C) JOIN

Which type of join is used to update data in multiple tables based on a matching column?

- A) INNER JOIN
- B) OUTER JOIN
- C) LEFT JOIN
- D) RIGHT JOIN

Answer: A) INNER JOIN

What happens when you attempt to update data in multiple tables without using a join statement?

- A) The update fails
- B) Data in one table is updated but not the other
- C) Data in both tables is updated but the result may be inconsistent
- D) Data in both tables remains unchanged

Answer: C) Data in both tables is updated but the result may be inconsistent

Which keyword is used to specify the table to be updated in an SQL query?

- A) SET
- B) FROM
- C) WHERE
- D) UPDATE

Answer: D) UPDATE

When updating data in multiple tables, which of the following is NOT a recommended practice?

- A) Back up the database before making any changes
- B) Test the update on a small sample of data first
- C) Use a transaction to ensure all changes are made together
- D) Update tables in a random order

Answer: D) Update tables in a random order

Which type of subquery can be used to update data in a table based on values in another table?

- A) Correlated subquery
- B) Non-correlated subquery
- C) Nested subquery

D) None of the above

Answer: A) Correlated subquery

In which scenario would you use a LEFT JOIN to update data in multiple tables?

A) When you want to update data only in the first table

B) When you want to update data only in the second table

C) When you want to update data in both tables

D) When you want to update data in the first table and keep all the rows in the second table

Answer: D) When you want to update data in the first table and keep all the rows in the second table

What is the purpose of a foreign key constraint in a database?

A) To ensure that data in one table matches data in another table

B) To prevent data duplication in a table

C) To improve query performance

D) To encrypt sensitive data

Answer: A) To ensure that data in one table matches data in another table

Which type of join returns all rows from both tables, even if there is no match?

A) INNER JOIN

B) OUTER JOIN

C) LEFT JOIN

D) RIGHT JOIN

Answer: B) OUTER JOIN

Which SQL statement can be used to roll back changes made during an update operation?

A) ROLLBACK

B) COMMIT

C) SAVEPOINT

D) UPDATE

Answer: A) ROLLBACK