DML Queries

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Insert into

- INSERT INTO is used to store data in the tables. The INSERT command creates a new row in the table to store data.

- The data is usually supplied by application programs that run on top of the database.

- Basic syntax:

  - INSERT INTO 'table_name' (column_1, column_2,...) VALUES (value_1,value_2,...);

Insert into

- INSERT INTO 'members' ('full_names','gender','physical_address','contact_number') VALUES ('Leonard Hofstadter','Male','Woodcrest',0845738767);

Insert from another table

- The INSERT command can also be used to insert data into a table from another table.

- The basic syntax is as shown below.

    INSERT INTO table_1 SELECT * FROM table_2;

Delete query

- MySQL Delete command is used to delete rows that are no longer required from the database tables.

- It deletes the whole row from the table and returns count of deleted rows.

- Delete command comes in handy to delete temporary or obsolete data from your database.

- The Delete query in MySQL can delete more than one row from a table in a single query.

- This proves to be advantages when removing large numbers of rows from a database table.

Delete query

- To delete a row in MySQL, the DELETE FROM statement is used:

  DELETE FROM 'table_name' [WHERE condition];

- Example:

  DELETE FROM 'movies' WHERE 'movie_id' = 18;

  DELETE FROM 'movies' WHERE 'movie_id' IN (20,21);

Update Query

- UPDATE MySQL command is used to modify rows in a table. The update command can be used to update a single field or multiple fields at the same time.

- It can also be used to update a MySQL table with values from another table.

- MySQL Update Command Syntax

    UPDATE 'table_name' SET 'column_name' = 'new_value' [WHERE condition];

Update Query

- UPDATE 'members' SET 'contact_number' = '0759 253 542' WHERE 'membership_number' = 1;

- UPDATE 'members' SET 'full_names' = 'Janet Smith Jones', 'physical_address' = 'Melrose 123' WHERE 'membership_number' = 2;

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