

## Question 01 :

Write the SQL commands to:

- a) Disable the trigger trg\_Posts\_LogInsert
- b) Enable the trigger trg\_Posts\_LogInsert
- c) Check if the trigger is disabled or enabled

## Question 02 :

Create a SQL login, database user, and grant them SELECT permission on the Users table only.

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## Question 03 :

Create a database role called "DataAnalysts" and grant it:

- SELECT permission on all tables
- EXECUTE permission on all stored procedures
- Then add a user to this role.

## Question 04 :

Write SQL to REVOKE INSERT and UPDATE permissions from a role called "DataEntry" on the Posts table.

## **Question 05 :**

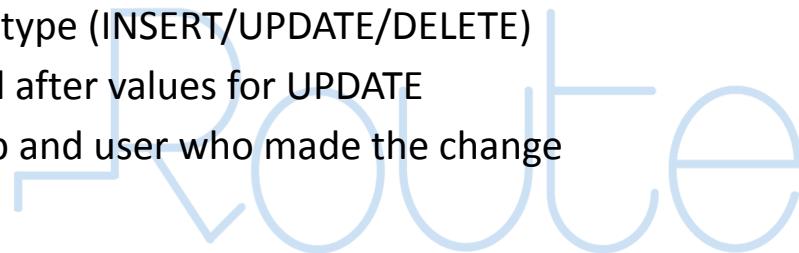
Write SQL to DENY DELETE permission on the Users table to a specific user, even if they have it through a role.

Explain why DENY is used instead of REVOKE

## **Question 06 :**

Create a comprehensive audit trigger that tracks all changes to the Comments table, storing:

- Operation type (INSERT/UPDATE/DELETE)
- Before and after values for UPDATE
- Timestamp and user who made the change



## **Question 07 :**

Write a query to view all triggers in the database along with:

- their status (enabled/disabled), type (AFTER/INSTEAD OF), and
- the tables they're attached to.

## **Question 08 :**

Write a query to view all permissions granted to a specific role or user, including the object name, permission type, and state.