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Practical No: 8

1) ****Trigger Demonstration****

- Create a trigger log table:

CREATE TABLE emp\_log (

log\_id INT AUTO\_INCREMENT PRIMARY KEY,

log\_message VARCHAR(255),

log\_time TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

- Create a trigger:

DELIMITER $$

CREATE TRIGGER after\_employee\_insert

AFTER INSERT ON emp

FOR EACH ROW

BEGIN

-- Insert a log message into the log table

INSERT INTO emp\_log (log\_message)

VALUES (CONCAT('Employee added successfully: ', NEW.name));

END $$

DELIMITER ;

- Insert data to test:

INSERT INTO employees (name, dept\_no, job, hire\_date, salary, manager, commission)

VALUES ('John Doe', 5, 'Engineer', '2024-10-07', 5000.00, 'Jane Smith', 200.00);

- Check the Logs

SELECT \* FROM emp\_log;

OUTPUT:

