**Create cursor for Employee table & extract the values from the table. Declare the variables ,Open the cursor & extract the values from the cursor. Close the cursor. Employee(E\_id, E\_name, Age, Salary)**

**-- Step 1**: Create the Employee table

CREATE TABLE Employee (

E\_id INT,

E\_name VARCHAR(50),

Age INT,

Salary INT

);

**-- Step 2**: Insert some sample records

INSERT INTO Employee VALUES (1, 'Alice', 30, 50000);

INSERT INTO Employee VALUES (2, 'Bob', 28, 45000);

INSERT INTO Employee VALUES (3, 'Charlie', 32, 55000);

**-- Step 3**: Now, create a procedure to use a cursor

DELIMITER //

CREATE PROCEDURE fetch\_employee\_details()

BEGIN

-- Declare variables

DECLARE v\_id INT;

DECLARE v\_name VARCHAR(50);

DECLARE v\_age INT;

DECLARE v\_salary INT;

DECLARE done INT DEFAULT 0; -- flag to indicate end of data

-- Declare the cursor

DECLARE emp\_cursor CURSOR FOR

SELECT E\_id, E\_name, Age, Salary FROM Employee;

-- Declare NOT FOUND handler

DECLARE CONTINUE HANDLER FOR NOT FOUND SET done = 1;

-- Open the cursor

OPEN emp\_cursor;

-- Start fetching loop

emp\_loop: LOOP

FETCH emp\_cursor INTO v\_id, v\_name, v\_age, v\_salary;

IF done THEN

LEAVE emp\_loop;

END IF;

-- Print the extracted values

SELECT

CONCAT('ID: ', v\_id, ', Name: ', v\_name, ', Age: ', v\_age, ', Salary: ', v\_salary)

AS Employee\_Info;

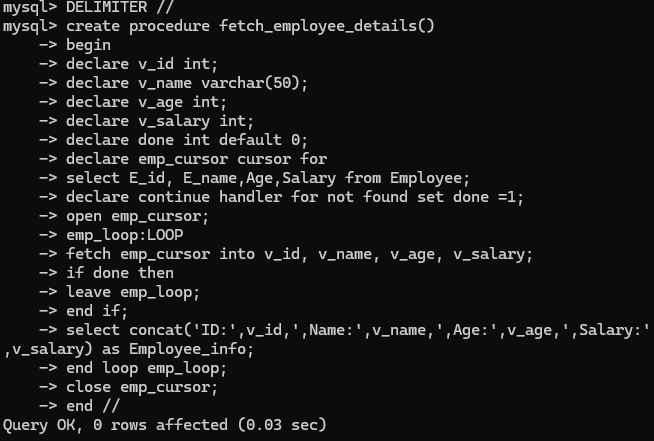
END LOOP emp\_loop;

-- Close the cursor

CLOSE emp\_cursor;

END //

DELIMITER ;



**-- Step 4**: Call the procedure

CALL fetch\_employee\_details();

