**WEEK-2**

Task-3

**Exercise 5: Return Data from a Stored Procedure**

**Goal:**

Create a stored procedure that returns the total number of employees in a

department.

**Steps:**

**1. Define the stored procedure with a parameter for DepartmentID.**

**2. Write the SQL query to count the number of employees in the**

**specified department.**

**3. Save the stored procedure by executing the Stored procedure**

**content.**

**CODE:**

DELIMITER $$

-- Create a stored procedure named 'sp\_CountEmployeesByDepartment'

-- It takes one input parameter: dept\_id (the ID of the department)

CREATE PROCEDURE sp\_CountEmployeesByDepartment (

IN dept\_id INT -- Input: DepartmentID to filter employees

)

BEGIN

-- Select the total number of employees in the specified department

SELECT

COUNT(\*) AS TotalEmployees -- Returns the count as 'TotalEmployees'

FROM Employees

WHERE DepartmentID = dept\_id; -- Filter by the input DepartmentID

END $$

-- Reset the statement delimiter back to default

DELIMITER ;

**Output**

-- Call the stored procedure with a sample DepartmentID (e.g., 3 for IT)

CALL sp\_CountEmployeesByDepartment(3);



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