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-- Exercise 1: Retrieve & Insert Employees

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-- Step 1 Create procedure to retrieve employee details by department

CREATE PROCEDURE sp\_GetEmployeesByDepartment

@DepartmentID INT

AS

BEGIN

SELECT EmployeeID, FirstName, LastName, DepartmentID, Salary, JoinDate

FROM Employees

WHERE DepartmentID = @DepartmentID;

END;

GO

--Step 2 Write the SQL query to count the number of employees in the specified department.

-- Retrieve Employees for DepartmentID = 2

SELECT

EmployeeID, FirstName, LastName, DepartmentID, Salary, JoinDate

FROM

Employees

WHERE

DepartmentID = 2;

GO

-- Step 3: Create procedure to insert new employee

CREATE PROCEDURE sp\_InsertEmployee

@FirstName VARCHAR(50), @LastName VARCHAR(50), @DepartmentID INT, @Salary DECIMAL(10,2),

@JoinDate DATE

AS

BEGIN

INSERT INTO Employees (FirstName, LastName, DepartmentID, Salary, JoinDate)

VALUES (@FirstName, @LastName, @DepartmentID, @Salary, @JoinDate);

END;

GO

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-- Exercise 5: Count Employees by Department

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CREATE PROCEDURE sp\_CountEmployeesByDepartment

@DepartmentID INT

AS

BEGIN

SELECT COUNT(\*) AS TotalEmployees

FROM Employees

WHERE DepartmentID = @DepartmentID;

END;

GO

2: -- Count Employees in DepartmentID = 2

SELECT

COUNT(\*) AS TotalEmployees

FROM

Employees

WHERE

DepartmentID = 2;

GO