**Exercise-3: Return Data from a Stored Procedure**

CREATE DATABASE OrgDB;

GO

USE OrgDB;

GO

CREATE TABLE Departments (

DepartmentID INT PRIMARY KEY,

DepartmentName VARCHAR(100)

);

GO

CREATE TABLE Employees (

EmployeeID INT IDENTITY(1,1) PRIMARY KEY,

FirstName VARCHAR(50),

LastName VARCHAR(50),

DepartmentID INT,

Salary DECIMAL(10,2),

JoinDate DATE,

FOREIGN KEY (DepartmentID) REFERENCES Departments(DepartmentID)

);

GO

INSERT INTO Departments (DepartmentID, DepartmentName) VALUES

(1, 'Human Resources'),

(2, 'Finance'),

(3, 'Engineering'),

(4, 'Marketing');

GO

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

('Alice', 'Johnson', 1, 50000.00, '2022-01-10'),

('Bob', 'Smith', 1, 52000.00, '2022-02-12'),

('Charlie', 'Lee', 2, 60000.00, '2021-03-20'),

('Diana', 'White', 3, 70000.00, '2020-07-15'),

('Eve', 'Adams', 3, 71000.00, '2021-10-25');

GO

CREATE PROCEDURE sp\_GetEmployeeCountByDepartment

@DepartmentID INT

AS

BEGIN

SELECT

D.DepartmentName,

COUNT(E.EmployeeID) AS TotalEmployees

FROM Departments D

LEFT JOIN Employees E ON D.DepartmentID = E.DepartmentID

WHERE D.DepartmentID = @DepartmentID

GROUP BY D.DepartmentName;

END;

GO

**OUTPUT:**

