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

**DROP TABLE IF EXISTS Employees;**

**DROP TABLE IF EXISTS Departments;**

**CREATE TABLE Departments (**

**DepartmentID INT PRIMARY KEY,**

**DepartmentName VARCHAR(100)**

**);**

**CREATE TABLE Employees (**

**EmployeeID INT PRIMARY KEY,**

**FirstName VARCHAR(50),**

**LastName VARCHAR(50),**

**DepartmentID INT,**

**Salary DECIMAL(10,2),**

**JoinDate DATE,**

**FOREIGN KEY (DepartmentID) REFERENCES Departments(DepartmentID)**

**);**

**-- Insert into Departments**

**INSERT INTO Departments (DepartmentID, DepartmentName) VALUES**

**(1, 'HR'),**

**(2, 'Finance'),**

**(3, 'IT'),**

**(4, 'Marketing');**

**-- Insert into Employees**

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

**(1, 'John', 'Doe', 1, 5000.00, '2020-01-15'),**

**(2, 'Jane', 'Smith', 2, 6000.00, '2019-03-22'),**

**(3, 'Michael', 'Johnson', 3, 7000.00, '2018-07-30'),**

**(4, 'Emily', 'Davis', 4, 5500.00, '2021-11-05');**

**DELIMITER $$**

**CREATE PROCEDURE GetEmployeeCountByDepartment (**

**IN dept\_id INT**

**)**

**BEGIN**

**SELECT COUNT(\*) AS TotalEmployees**

**FROM Employees**

**WHERE DepartmentID = dept\_id;**

**END$$**

**DELIMITER ;**

**CALL GetEmployeeCountByDepartment(3);**

