**Aayushi Dutta  
Superset ID – 6363122  
Exercise-5 Stored Procedure**

IF OBJECT\_ID('Employees', 'U') IS NOT NULL DROP TABLE Employees;

IF OBJECT\_ID('Departments', 'U') IS NOT NULL DROP TABLE Departments;

GO

CREATE TABLE Departments (

DepartmentID INT PRIMARY KEY,

DepartmentName VARCHAR(100)

);

GO

CREATE TABLE Employees (

EmployeeID INT PRIMARY KEY IDENTITY(1,1),

FirstName VARCHAR(50),

LastName VARCHAR(50),

DepartmentID INT FOREIGN KEY REFERENCES Departments(DepartmentID),

Salary DECIMAL(10,2),

JoinDate DATE

);

GO

INSERT INTO Departments (DepartmentID, DepartmentName) VALUES

(1, 'HR'),

(2, 'Finance'),

(3, 'IT'),

(4, 'Marketing');

GO

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

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

('Aayushi', 'Dutta', 1, 60000.00, '2024-08-27'),

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

GO

IF OBJECT\_ID('sp\_CountEmployeesByDepartment', 'P') IS NOT NULL

DROP PROCEDURE sp\_CountEmployeesByDepartment;

GO

CREATE PROCEDURE sp\_CountEmployeesByDepartment

@DeptID INT

AS

BEGIN

SELECT COUNT(\*) AS TotalEmployees

FROM Employees

WHERE DepartmentID = @DeptID;

END;

GO

EXEC sp\_CountEmployeesByDepartment @DeptID = 1;

OUTPUT:

