**Aayushi Dutta  
Superset ID – 6363122  
Exercise-1 Stored Procedure**

**USE week\_2;**

**GO**

**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)**

**);**

**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**

**);**

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

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

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

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

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

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

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

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

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

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

**IF OBJECT\_ID('sp\_InsertEmployee', 'P') IS NOT NULL DROP PROCEDURE sp\_InsertEmployee;**

**IF OBJECT\_ID('sp\_GetEmployeesByDepartment', 'P') IS NOT NULL DROP PROCEDURE sp\_GetEmployeesByDepartment;**

**GO**

**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**

**CREATE PROCEDURE sp\_GetEmployeesByDepartment**

**@DeptID INT**

**AS**

**BEGIN**

**SELECT \* FROM Employees WHERE DepartmentID = @DeptID;**

**END;**

**GO**

**EXEC sp\_InsertEmployee**

**@FirstName = 'Aayushi',**

**@LastName = 'Dutta',**

**@DepartmentID = 1,**

**@Salary = 30000.00,**

**@JoinDate = '2024-10-28';**

**GO**

**EXEC sp\_GetEmployeesByDepartment @DeptID = 1;**

**OUTPUT:**

