**Ashutosh Dash  
Superset ID – 6365404  
Exercise-1 Stored Procedure**

USE week\_2\_practice;

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 = 'Ashutosh',

@LastName = 'Dash',

@DepartmentID = 1,

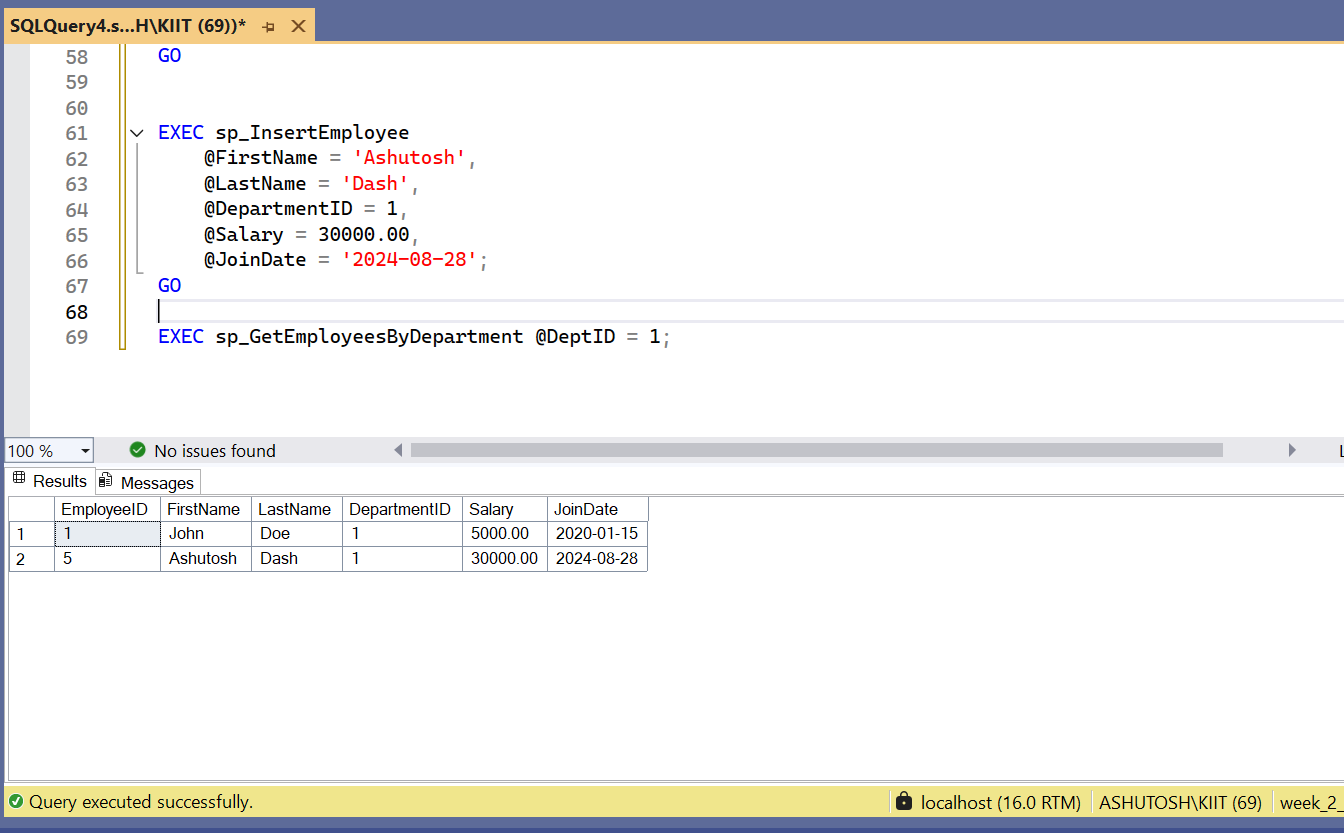
@Salary = 30000.00,

@JoinDate = '2024-08-28';

GO

EXEC sp\_GetEmployeesByDepartment @DeptID = 1;

**OUTPUT**

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