Exercise 5: Return Data from a Stored Procedure

Code:

-- Step 1: Drop the table if it exists

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

DROP TABLE Employees;

GO

-- Step 2: Create the Employees table

CREATE TABLE Employees (

EmployeeID INT PRIMARY KEY,

Name NVARCHAR(100),

Department NVARCHAR(50),

Salary DECIMAL(10,2)

);

GO

-- Step 3: Insert sample data

INSERT INTO Employees (EmployeeID, Name, Department, Salary)

VALUES

(1, 'John Doe', 'HR', 50000),

(2, 'Jane Smith', 'IT', 70000),

(3, 'Alice Johnson', 'Finance', 60000),

(4, 'Bob White', 'IT', 85000);

GO

-- Step 4: Drop the stored procedure if it exists

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

DROP PROCEDURE GetAllEmployees;

GO

-- Step 5: Create stored procedure that returns all employee data

CREATE PROCEDURE GetAllEmployees

AS

BEGIN

SELECT EmployeeID, Name, Department, Salary

FROM Employees;

END;

GO

-- Step 6: Execute the stored procedure

EXEC GetAllEmployees;

Output:

