Exercise 1: Create a Stored Procedure

Code:

-- Step 1: Drop table if it already exists

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

DROP TABLE Employees;

GO

-- Step 2: Create Employees table

CREATE TABLE Employees (

EmployeeID INT PRIMARY KEY,

FirstName NVARCHAR(50),

LastName NVARCHAR(50),

Department NVARCHAR(50),

Salary DECIMAL(10, 2)

);

GO

-- Step 3: Insert sample data

INSERT INTO Employees (EmployeeID, FirstName, LastName, Department, Salary)

VALUES

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

(2, 'Jane', 'Smith', 'IT', 75000),

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

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

GO

-- Step 4: Drop procedure if it exists

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

DROP PROCEDURE GetHighPaidEmployees;

GO

-- Step 5: Create stored procedure

CREATE PROCEDURE GetHighPaidEmployees

@MinSalary DECIMAL(10, 2)

AS

BEGIN

SELECT EmployeeID, FirstName, LastName, Department, Salary

FROM Employees

WHERE Salary >= @MinSalary;

END;

GO

-- Step 6: Execute stored procedure

EXEC GetHighPaidEmployees @MinSalary = 70000;

Output:  
