**Exercise 5: Return Data from a Stored Procedure**

-- Step 1: Drop table and procedure if they exist

IF OBJECT\_ID('dbo.SalesData', 'U') IS NOT NULL

DROP TABLE dbo.SalesData;

IF OBJECT\_ID('dbo.GetSalesByRegion', 'P') IS NOT NULL

DROP PROCEDURE dbo.GetSalesByRegion;

GO

-- Step 2: Create SalesData table

CREATE TABLE SalesData (

SalesID INT IDENTITY(1,1) PRIMARY KEY,

SalesPerson VARCHAR(50),

Region VARCHAR(50),

SalesAmount INT

);

GO

-- Step 3: Insert sample data

INSERT INTO SalesData (SalesPerson, Region, SalesAmount)

VALUES

('Aniketh', 'North', 5000),

('Surya', 'North', 7000),

('Shashi', 'North', 7000),

('Vidhya', 'South', 4000),

('Nandini', 'South', 6000),

('Jyothi', 'South', 4000),

('Vikram', 'East', 8000),

('Arjun', 'East', 8000),

('Sandeep', 'East', 3000),

('Akhila', 'West', 9000);

GO

-- Step 4: Create a stored procedure that returns data by region

CREATE PROCEDURE GetSalesByRegion

@Region VARCHAR(50)

AS

BEGIN

SELECT

SalesID,

SalesPerson,

Region,

SalesAmount

FROM SalesData

WHERE Region = @Region;

END;

GO

-- Step 5: Execute the stored procedure with parameter

EXEC GetSalesByRegion @Region = 'North';

