Exercise 5: Return Data from a Stored Procedure

**CODE:**

-- ✅ Drop the Sales table if it exists

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

DROP TABLE Sales;

GO

-- ✅ Create Sales table

CREATE TABLE Sales (

sale\_id INT PRIMARY KEY,

salesperson NVARCHAR(50),

region NVARCHAR(50),

amount DECIMAL(10, 2)

);

GO

-- ✅ Insert sample data

INSERT INTO Sales (sale\_id, salesperson, region, amount) VALUES

(1, 'Alice', 'East', 5000),

(2, 'Bob', 'East', 7000),

(3, 'Alice', 'West', 6000),

(4, 'Charlie', 'East', 7000),

(5, 'Bob', 'West', 5000),

(6, 'Alice', 'East', 8000);

GO

-- ✅ Drop the procedure if exists

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

DROP PROCEDURE GetRegionSales;

GO

-- ✅ Create procedure to return sales data as result set

CREATE PROCEDURE GetRegionSales

@Region NVARCHAR(50)

AS

BEGIN

SELECT sale\_id, salesperson, region, amount

FROM Sales

WHERE region = @Region;

END;

GO

-- ✅ Call the procedure to return data

EXEC GetRegionSales @Region = 'East';

GO

**OUTPUT:**

