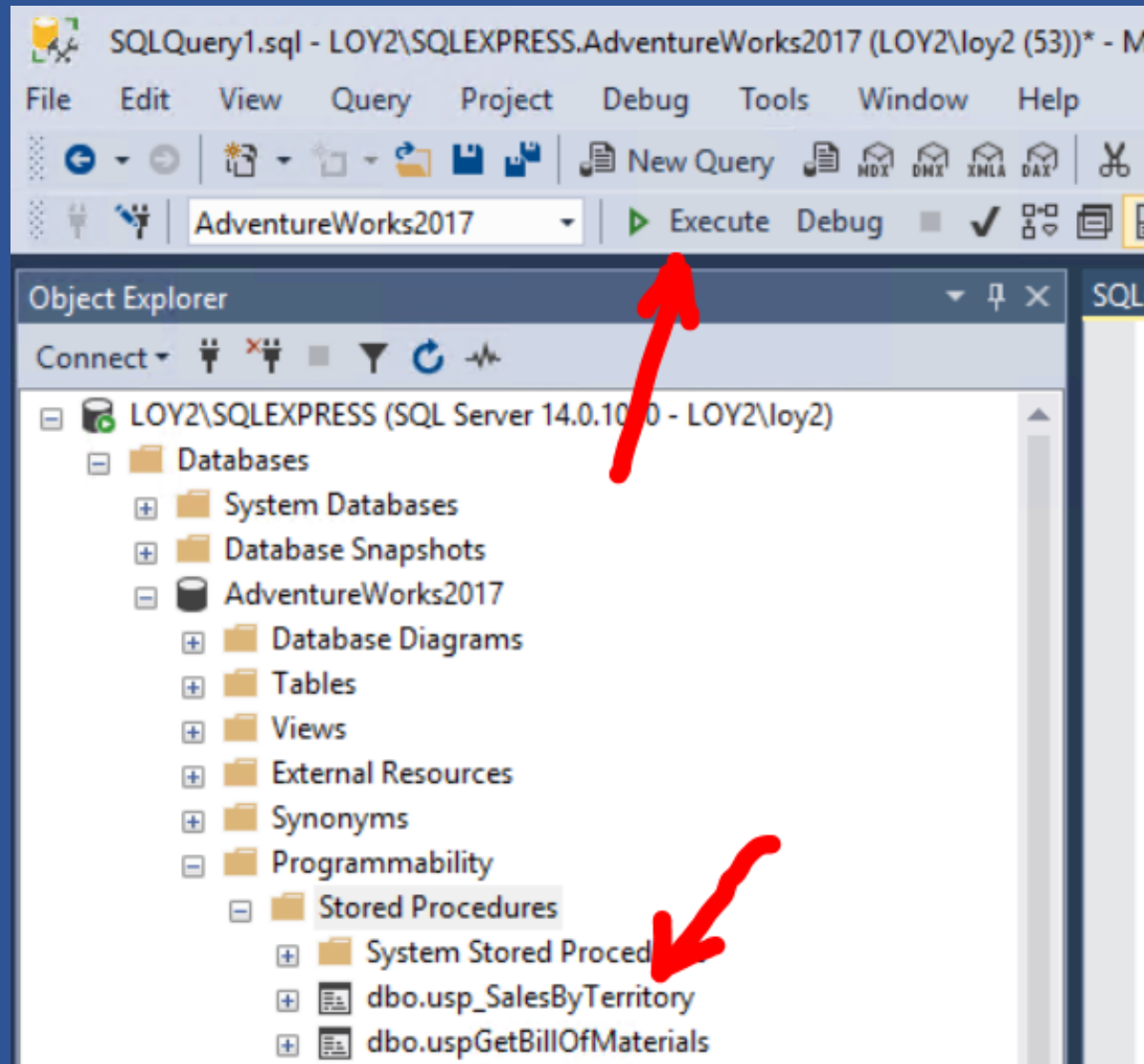


# Using Stored Procedure

Enter this query in to SSMS

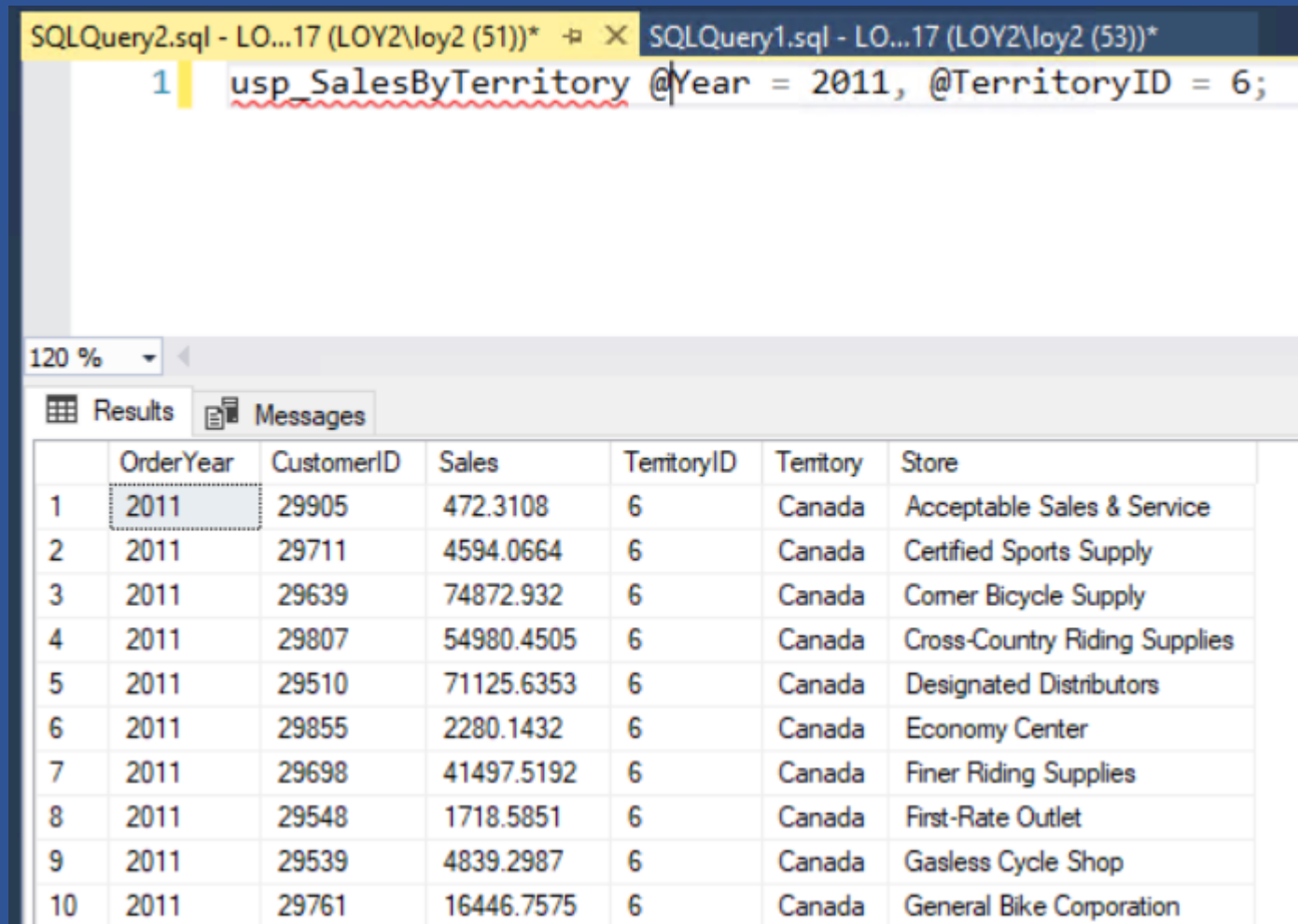
```
1  -- Microsoft SQL Server Reporting Services class 2018
2  -- Loy Vanich (laploy@gmail.com)
3  -- 0210 Using Stored Procedure
4
5  USE AdventureWorks2017;
6  GO
7
8  IF OBJECT_ID('usp_SalesByTerritory') IS NOT NULL
9      DROP PROC usp_SalesByTerritory;
10 GO
11
12 CREATE PROC usp_SalesByTerritory @Year INT, @TerritoryID INT AS
13     SELECT YEAR(OrderDate) AS OrderYear, C.CustomerID,
14     SUM(TotalDue) AS Sales,
15     T.TerritoryID, T.Name AS Territory, s.Name AS Store
16     FROM sales.SalesOrderHeader AS SOH
17         JOIN Sales.SalesTerritory AS T ON SOH.TerritoryID = T.TerritoryID
18         JOIN Sales.Customer AS C ON SOH.CustomerID = C.CustomerID
19         JOIN Sales.Store AS S ON S.BusinessEntityID = C.StoreID
20     WHERE YEAR(OrderDate) = @Year AND T.TerritoryID = @TerritoryID
21     GROUP BY C.CustomerID, T.TerritoryID, T.Name,
22     YEAR(OrderDate), S.Name;
```

Execute / Check if you have a new created Sproc



Test Sproc using this query

`usp_SalesByTerritory @Year = 2011, @TerritoryID = 6;`



The screenshot shows a SQL Server Enterprise Manager window with two tabs: 'SQLQuery2.sql - LO...17 (LOY2\loy2 (51))\*' and 'SQLQuery1.sql - LO...17 (LOY2\loy2 (53))\*'. The active tab displays the following query:

```
1 usp_SalesByTerritory @Year = 2011, @TerritoryID = 6;
```

Below the query editor, the 'Results' tab is selected, showing a table with 10 rows of data. The table has the following columns: OrderYear, CustomerID, Sales, TerritoryID, Territory, and Store. The data is as follows:

|    | OrderYear | CustomerID | Sales      | TerritoryID | Territory | Store                         |
|----|-----------|------------|------------|-------------|-----------|-------------------------------|
| 1  | 2011      | 29905      | 472.3108   | 6           | Canada    | Acceptable Sales & Service    |
| 2  | 2011      | 29711      | 4594.0664  | 6           | Canada    | Certified Sports Supply       |
| 3  | 2011      | 29639      | 74872.932  | 6           | Canada    | Comer Bicycle Supply          |
| 4  | 2011      | 29807      | 54980.4505 | 6           | Canada    | Cross-Country Riding Supplies |
| 5  | 2011      | 29510      | 71125.6353 | 6           | Canada    | Designated Distributors       |
| 6  | 2011      | 29855      | 2280.1432  | 6           | Canada    | Economy Center                |
| 7  | 2011      | 29698      | 41497.5192 | 6           | Canada    | Finer Riding Supplies         |
| 8  | 2011      | 29548      | 1718.5851  | 6           | Canada    | First-Rate Outlet             |
| 9  | 2011      | 29539      | 4839.2987  | 6           | Canada    | Gasless Cycle Shop            |
| 10 | 2011      | 29761      | 16446.7575 | 6           | Canada    | General Bike Corporation      |