**Example: Syntax Error in a SQL Query**

**❌ Incorrect SQL Query:**

sql

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SELEC FirstName, LastName FROM Employees;

**❗ Step 1: Run the Query**

When you run this query in SQL Server Management Studio (SSMS), you'll see an error like:

pgsql

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Msg 102, Level 15, State 1, Line 1

Incorrect syntax near 'SELEC'.

**✅ Step-by-Step Fix**

**🔸 Step 2: Read the Error Message**

The error says:

Incorrect syntax near 'SELEC'

This tells us that the issue is with the word SELEC.

**🔸 Step 3: Identify the Problem**

You probably meant:

sql

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SELECT FirstName, LastName FROM Employees;

But you misspelled SELECT as SELEC.

**🔸 Step 4: Correct the Syntax**

Update the query:

sql

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SELECT FirstName, LastName FROM Employees;

**🔸 Step 5: Run the Corrected Query**

Now it will execute without any error and return the desired results.

**🛠 Pro Tips to Avoid Syntax Errors**

1. ✅ Use SQL Server Management Studio's IntelliSense – it underlines syntax issues in red.
2. ✅ Use formatting and indentation for better readability.
3. ✅ Start small and test queries in pieces.
4. ✅ Always double-check keywords (SELECT, FROM, WHERE, etc.).