SUPERVISED BY:

Prof. Nazeef Ul Haq

SUBMITTED BY:

Waleed Ahmed 2022-CS-41

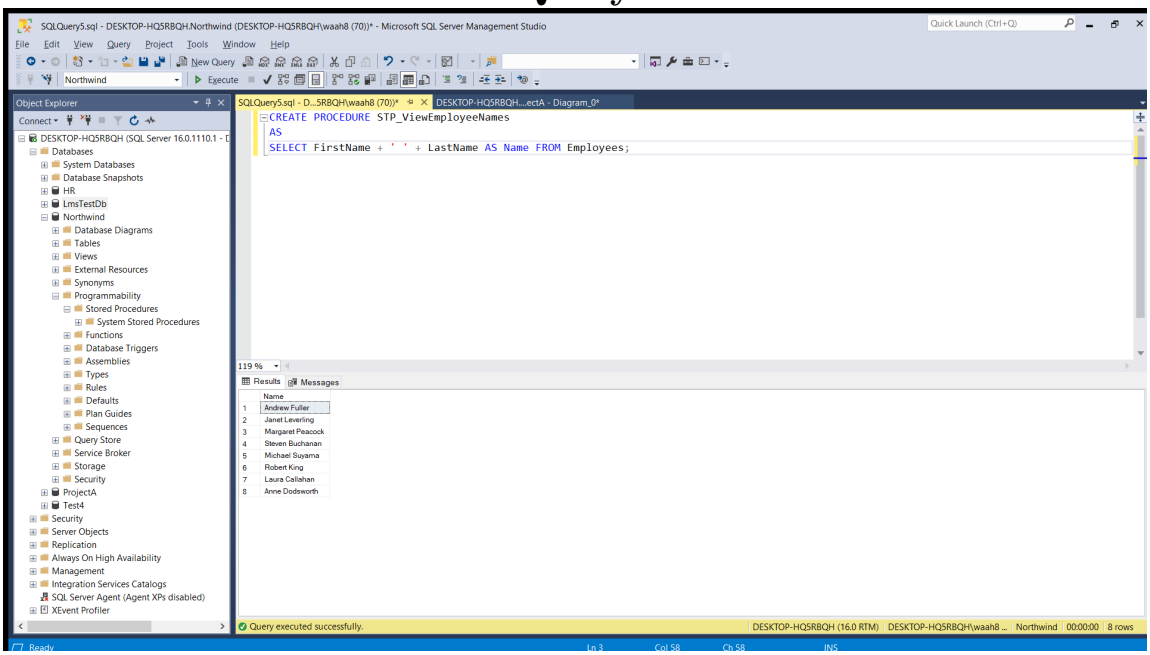
SUBJECT:

Lab 11 Hometask

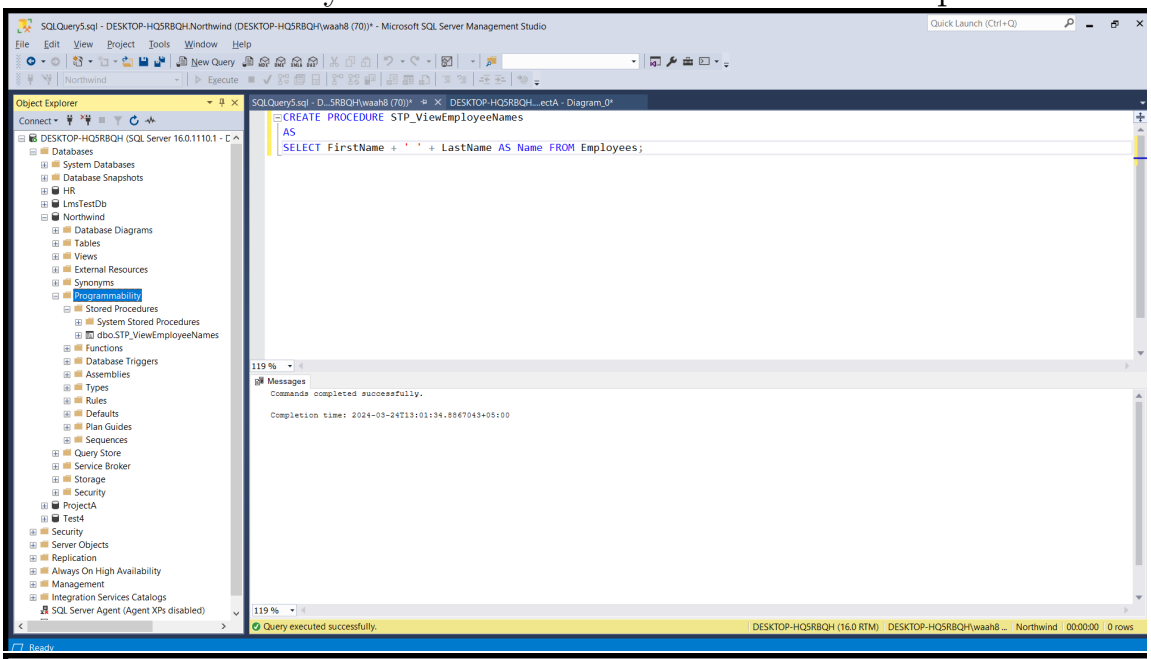
SECTION:

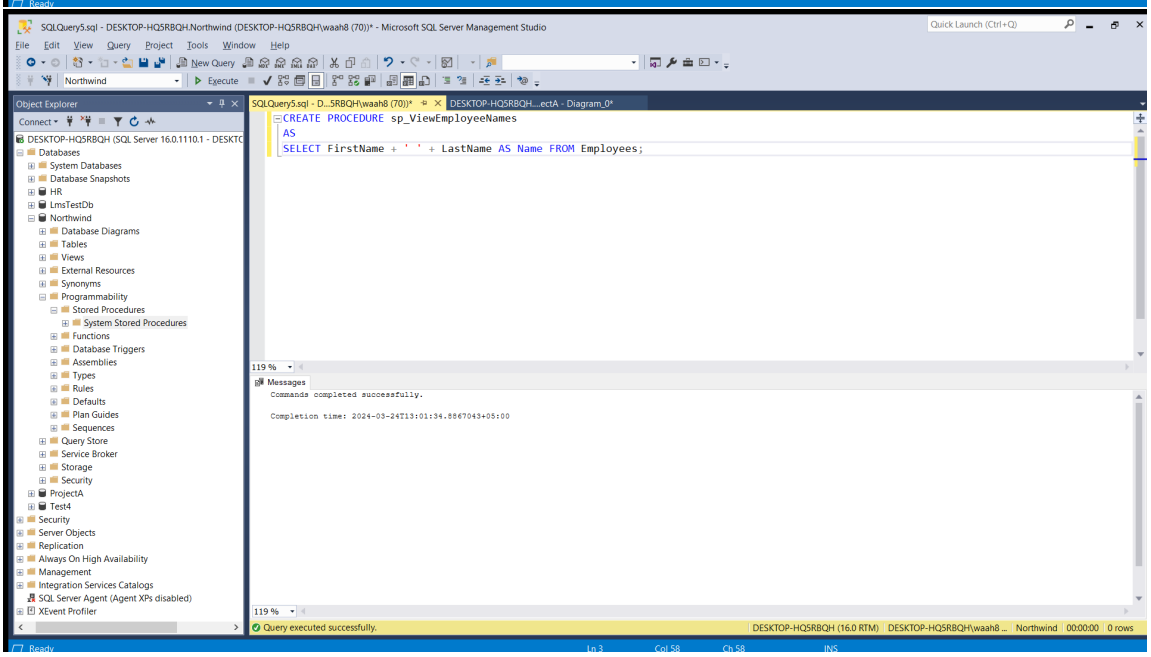
A

In this report, I have displayed how you can create and use stored procedures for an optimized usage in your database:
As you can see, currently there isn't any stored procedure currently present in the stored procedure directory. You can create a stored procedure using **CREATE storedprocedurename AS SQL Query**

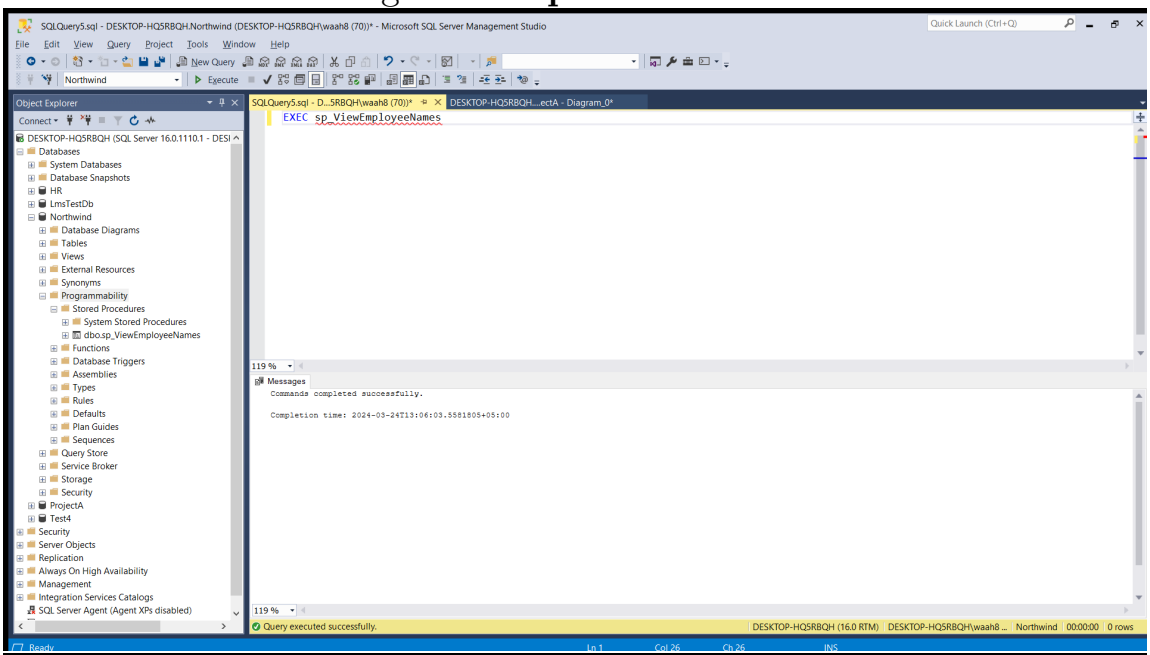


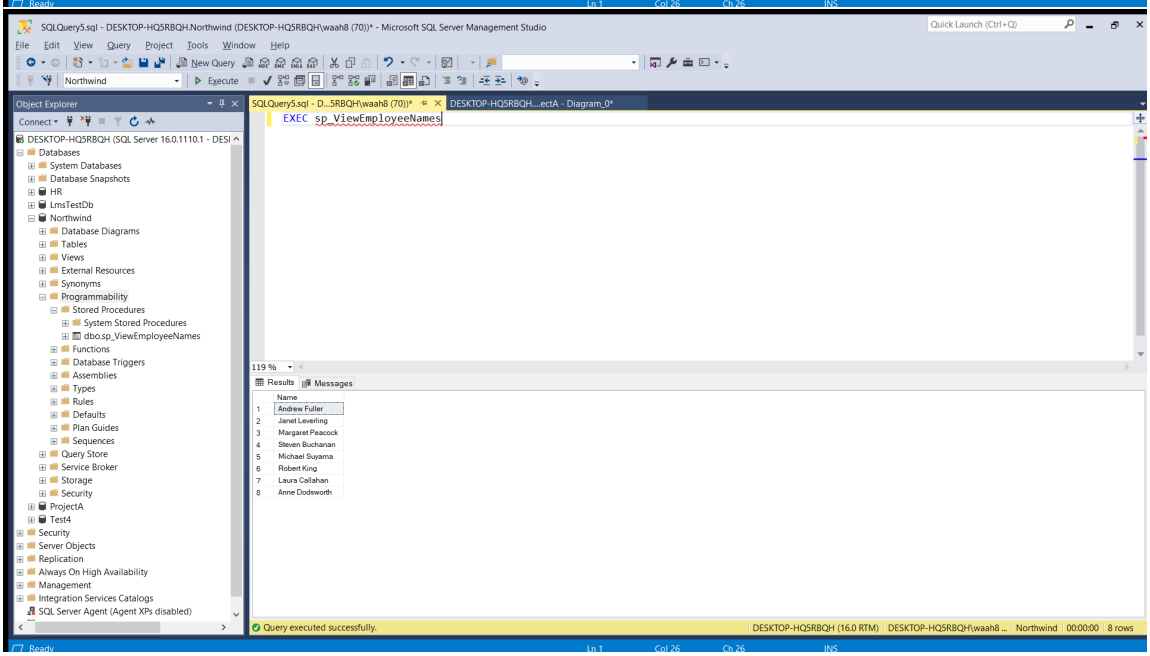
After I execute the written query you may need to refresh the database directory in order to view the created stored procedure.



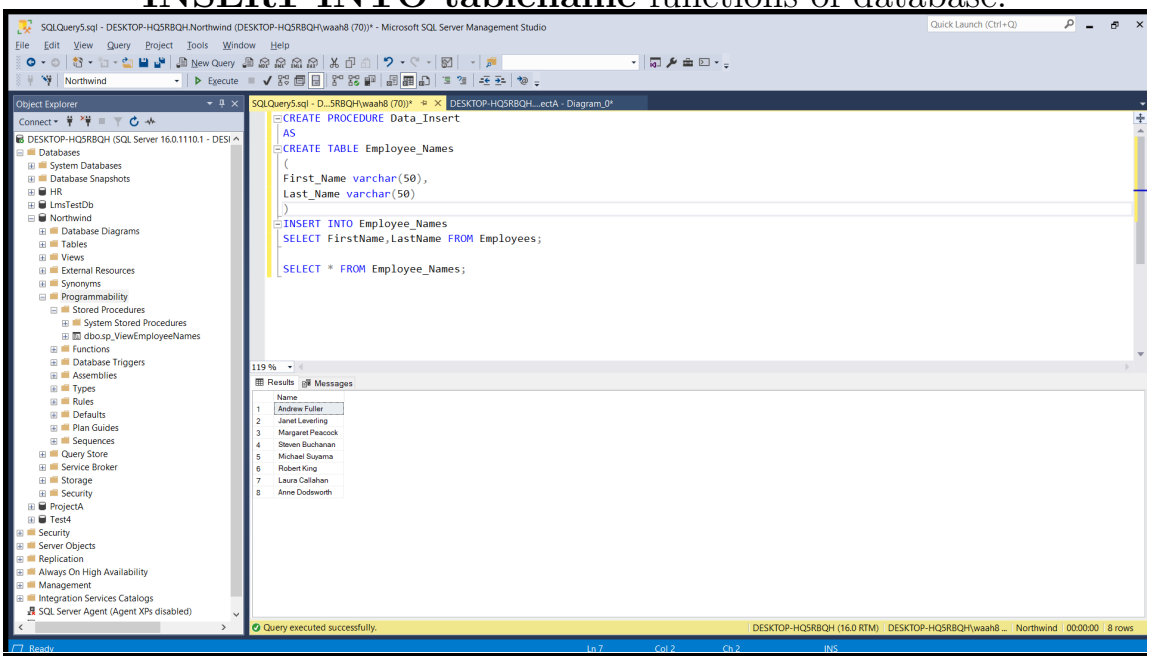


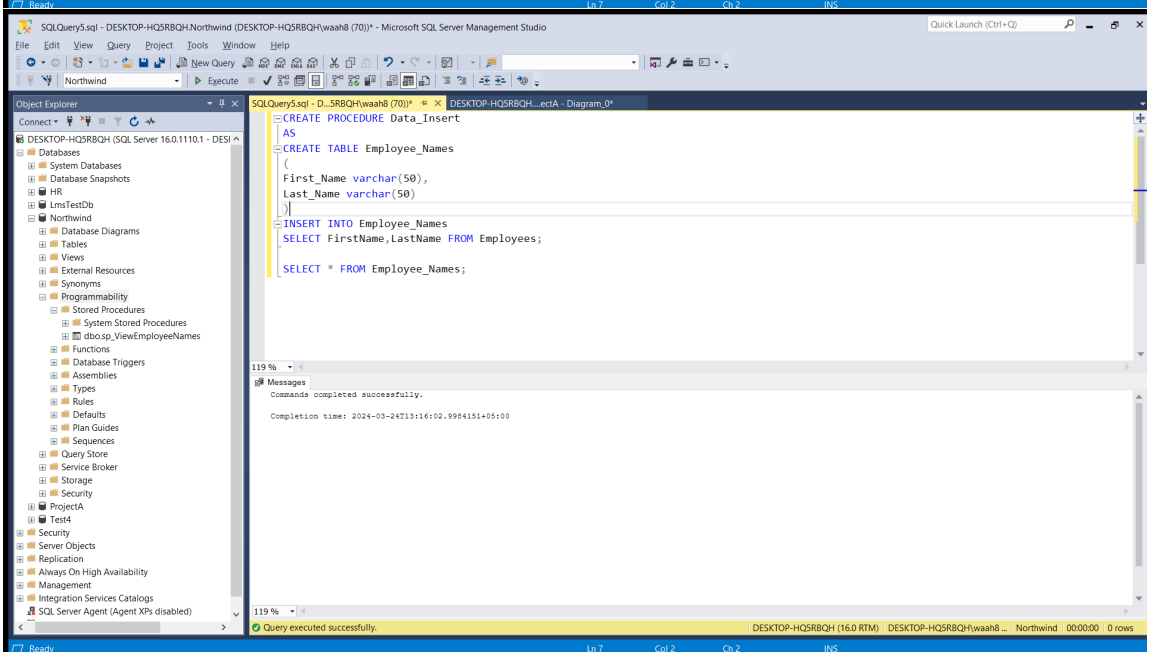
Now after successfully creating a stored procedure we can use it by using **EXEC procedurename**

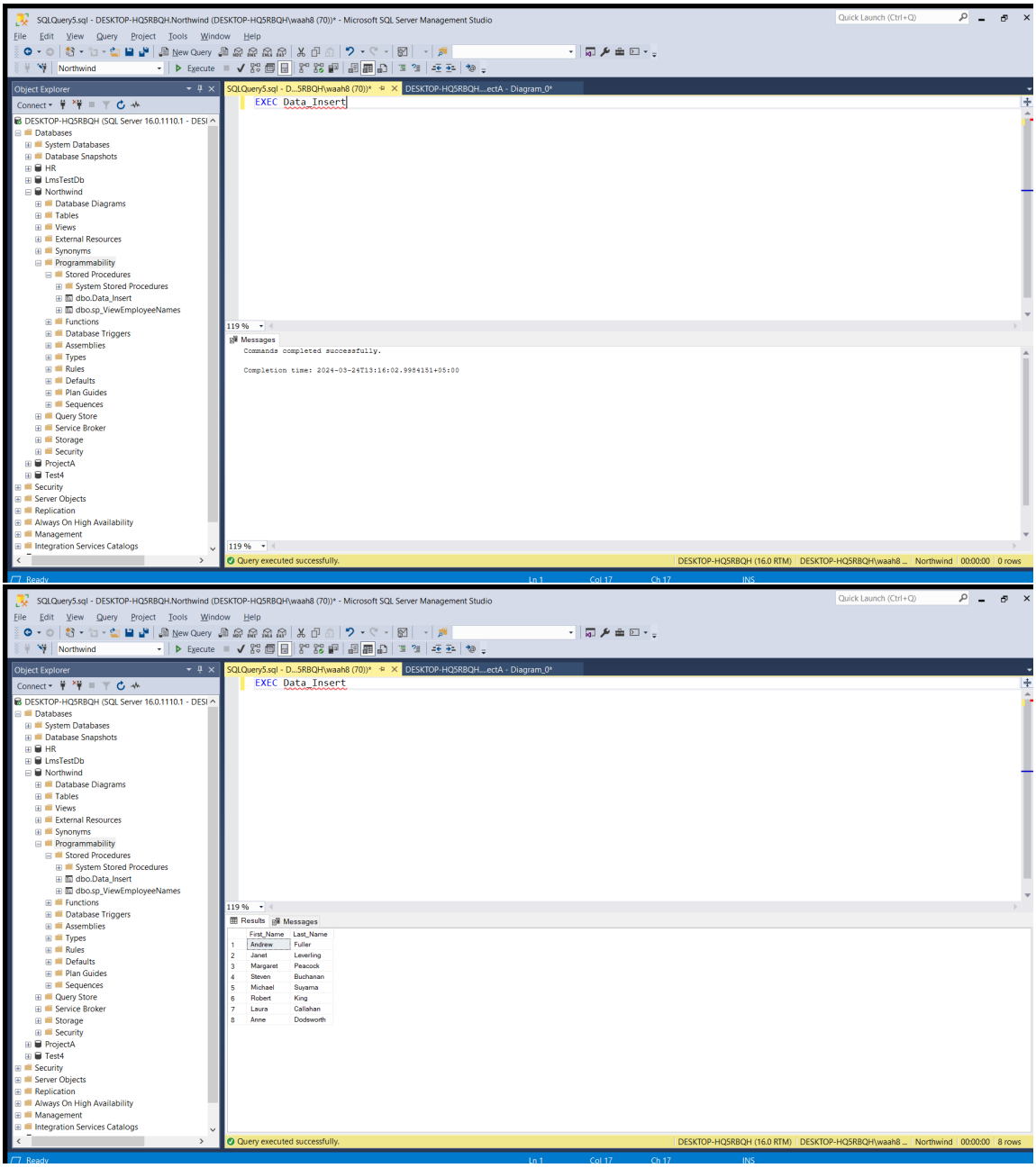




You can also use stored procedures to create certain table as per desired by the database requirements by using **CREATE OR INSERT INTO tablename** functions of database.



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dbo.Data_Insert
dbo.sp_ViewEmployeeNames
Functions
Database Triggers
Assemblies
Types
Rules
Defaults
Plan Guides
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EXEC Data_Insert
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Commands completed successfully.
Completion time: 2024-03-24T13:16:02.9984151+05:00
Query executed successfully.
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0 rows
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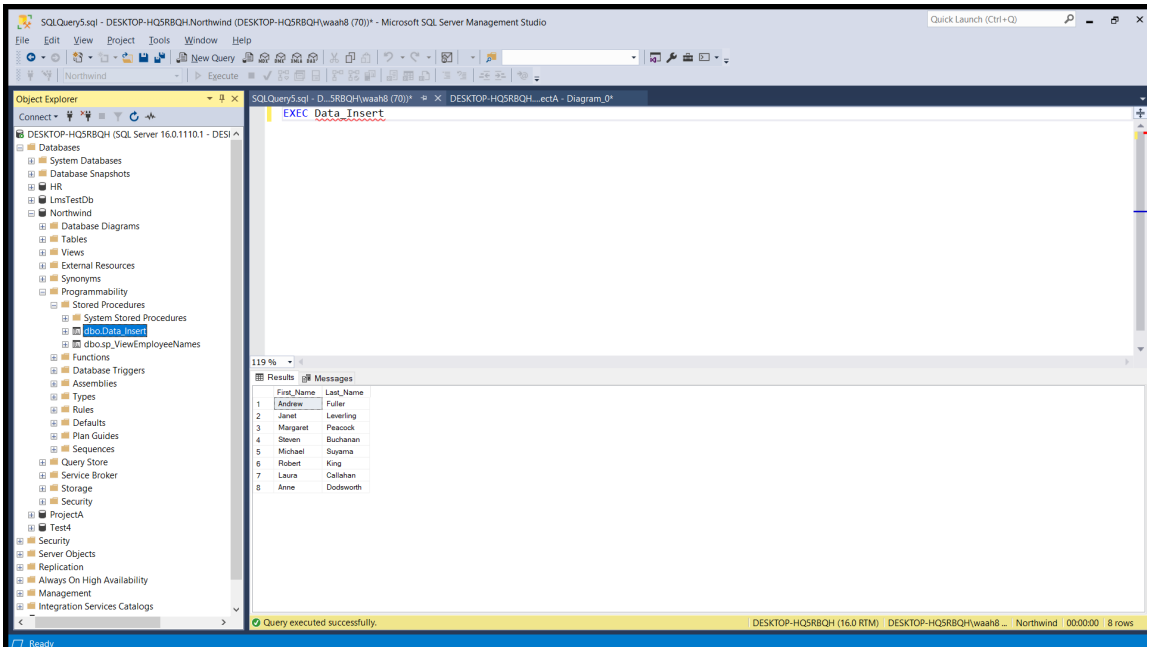
Results
Messages
First_Name Last_Name
1 Andrew Fuller
2 Janet Leverling
3 Margaret Peacock
4 Steven Buchanan
5 Michael Suyama
6 Robert King
7 Laura Callahan
8 Anne Dodsworth
8 rows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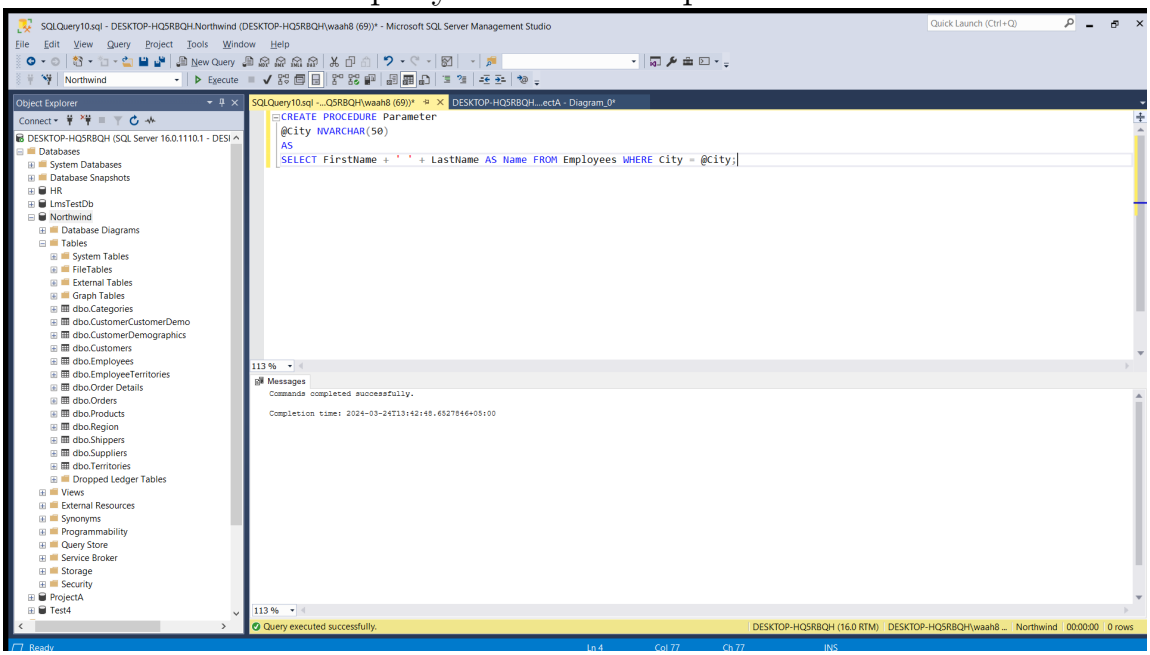
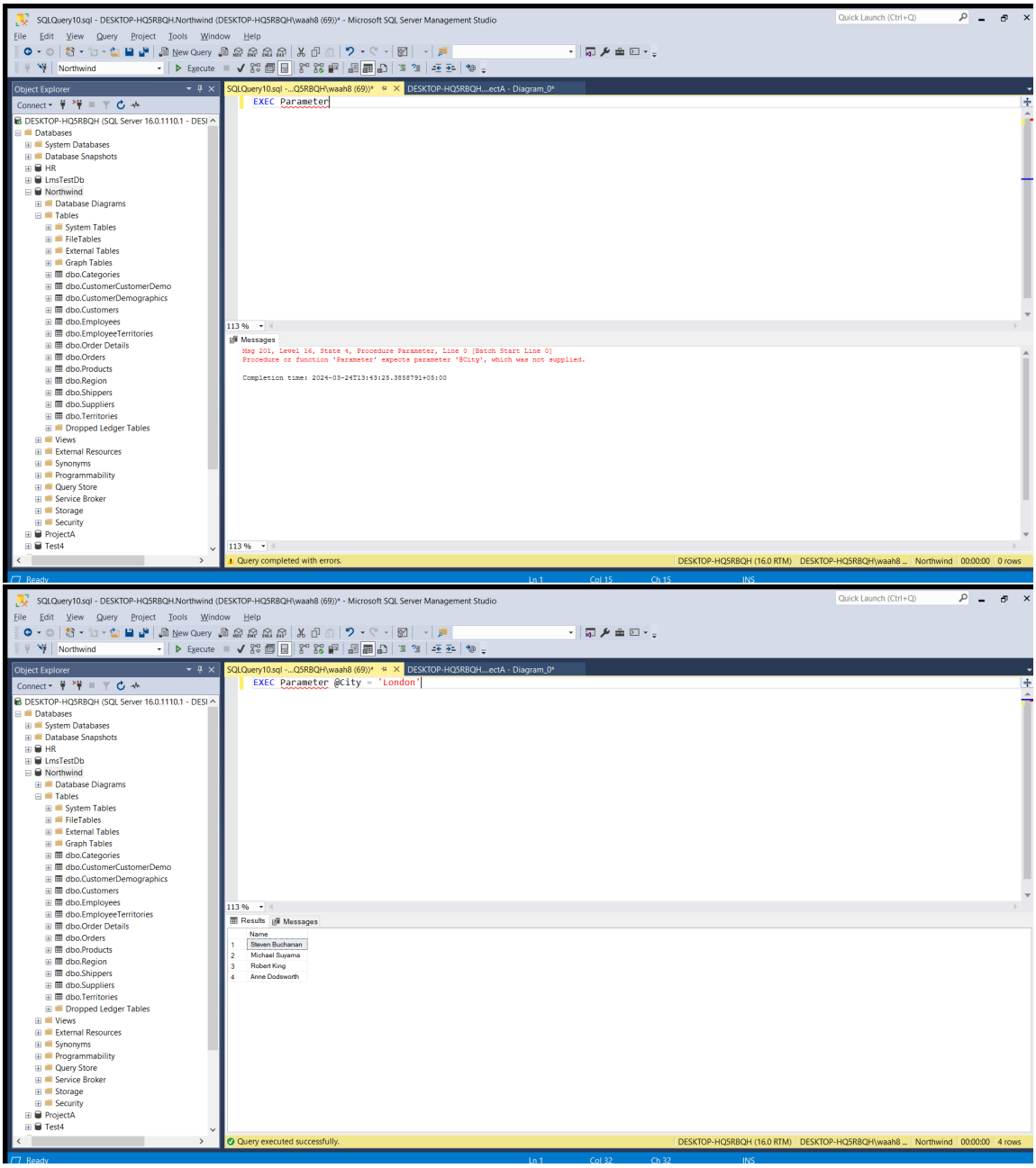
EXEC Data_Insert
119 %
Results
Messages
First_Name Last_Name
1 Andrew Fuller
2 Janet Leverling
3 Margaret Peacock
4 Steven Buchanan
5 Michael Suyama
6 Robert King
7 Laura Callahan
8 Anne Dodsworth
Query executed successfully.
DESKTOP-HQ5RBQH (16.0 RTM)
DESKTOP-HQ5RBQH\waah8 ...
Northwind
00:00:00
8 rows
Ready

There is also another method to create a stored procedure that can only be accessed if it is only given the required parameters as specified in the stored query. A parametered stored query can be created by using **CREATE OR ALTER StoredProcedureName @Parameter**. The specified parameter may or may not be used in the query inside stored procedure.





It is inpportant to note that a parametered stored procedure will not execute if the parameter is not passed.