CSE202 Database Management Systems

2021/2022 Spring – Project -Part 2

Members	Student Numbers
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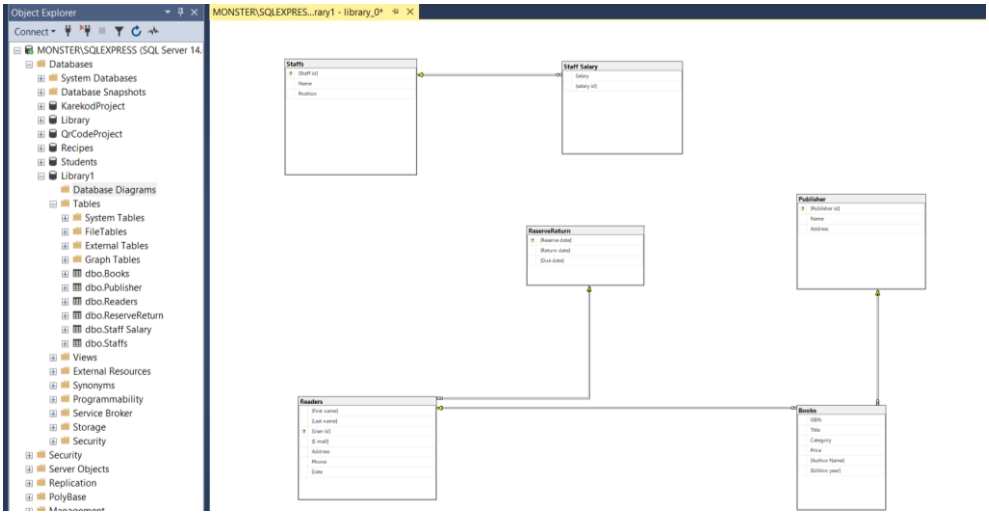
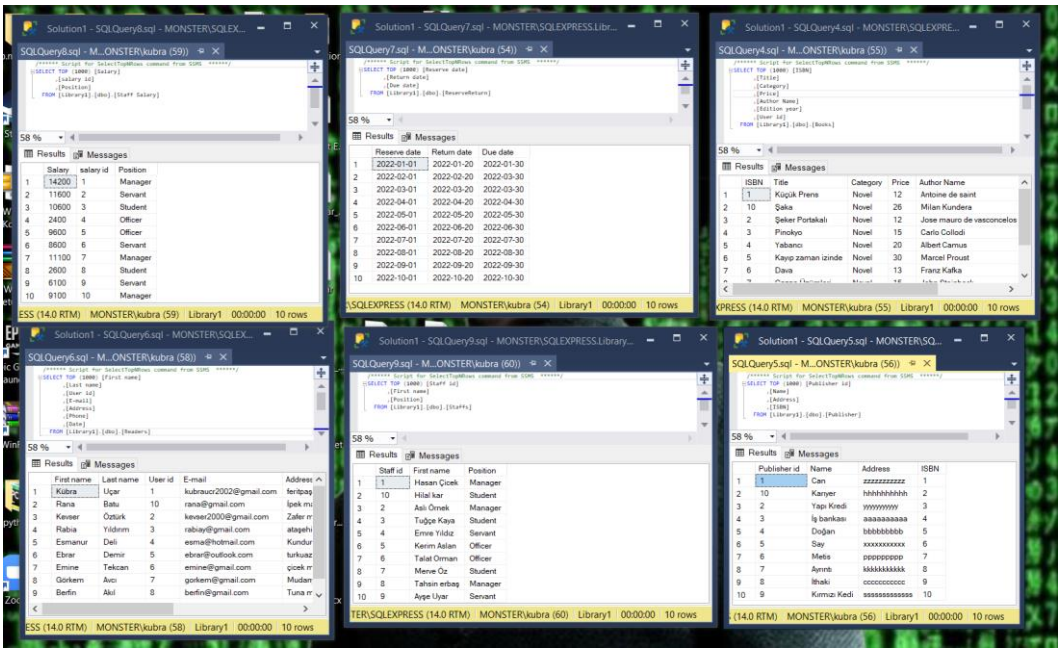
Rabia Yıldırım	191805043

- **We made a database Diagram and we created primary keys and foreign keys in our tables.**

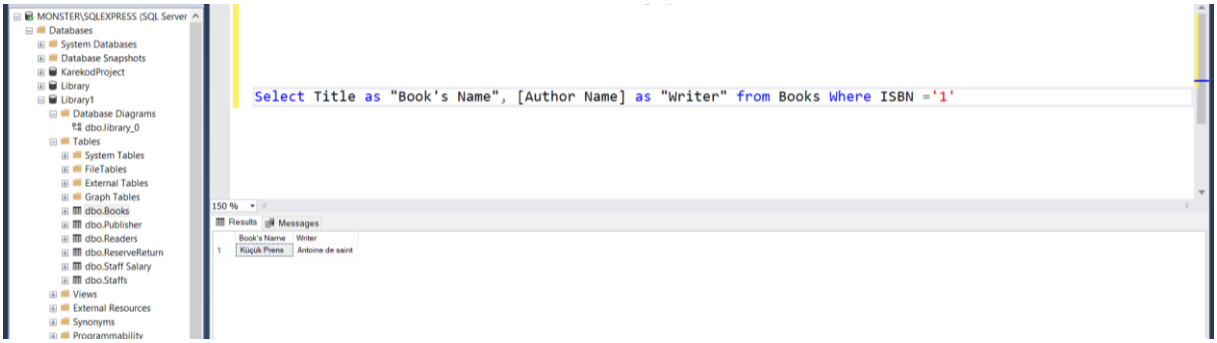


- **We created the tables and we defiened 10 values for each one.**

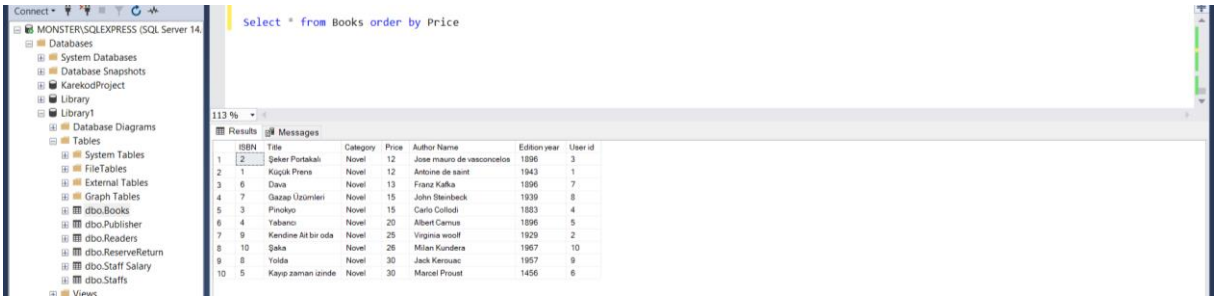


Queries

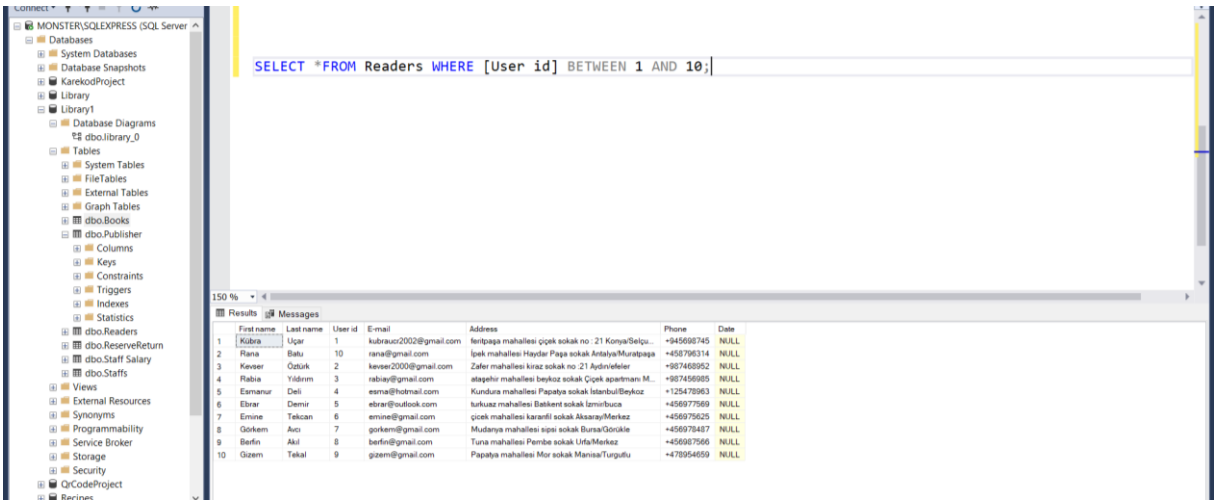
Query 1 : **We used Where clause with two condition which names Book's Name and Author Name.**



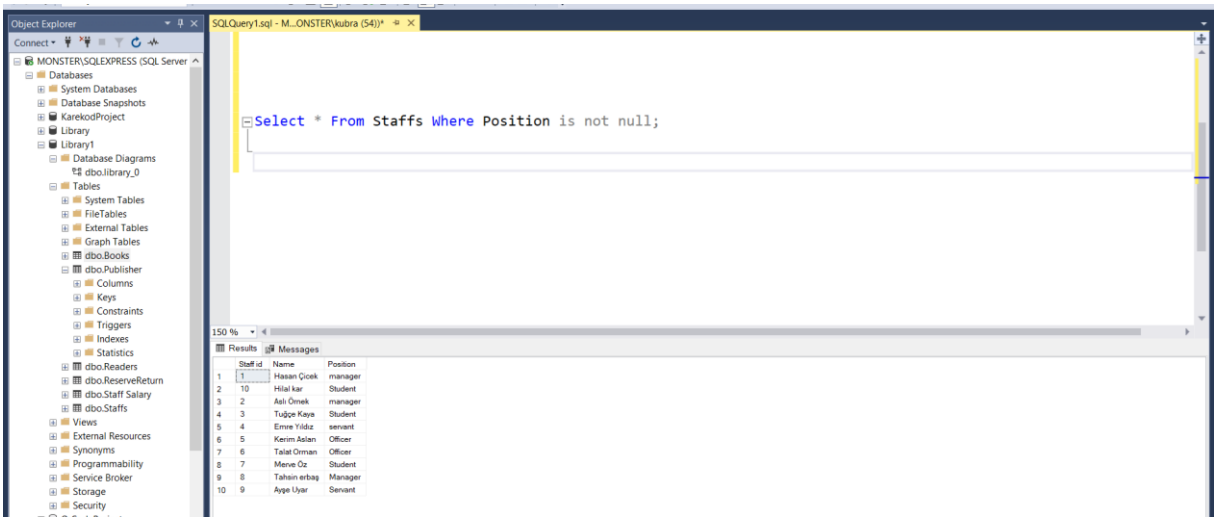
Query2 : **We used order by to sort Book's Prices.**



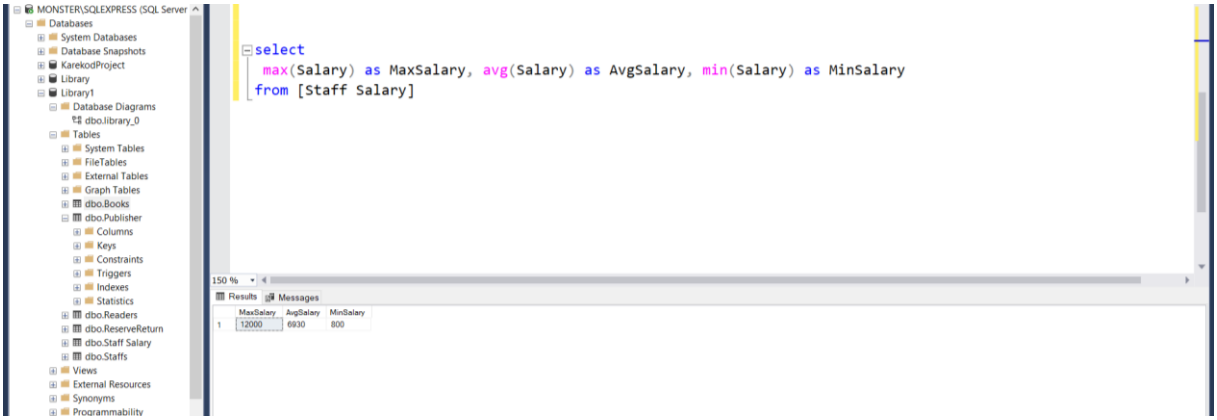
Query 3: **We used Between - and to find User id between at 1 and 10**.



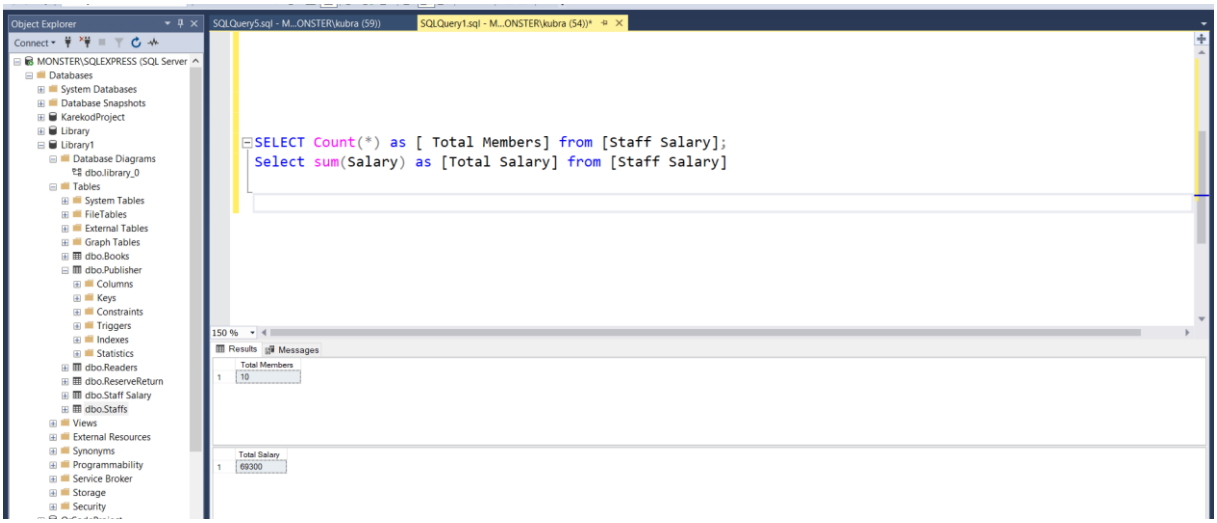
Query 4: **We found values which do not have not null.**



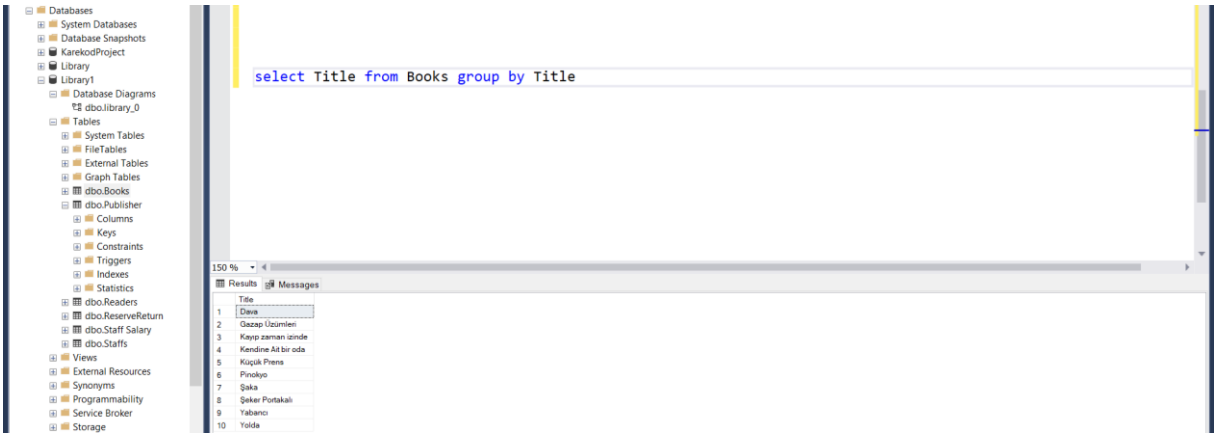
Query5: **We calculated the Max and min Salary. Then we Found their average .**



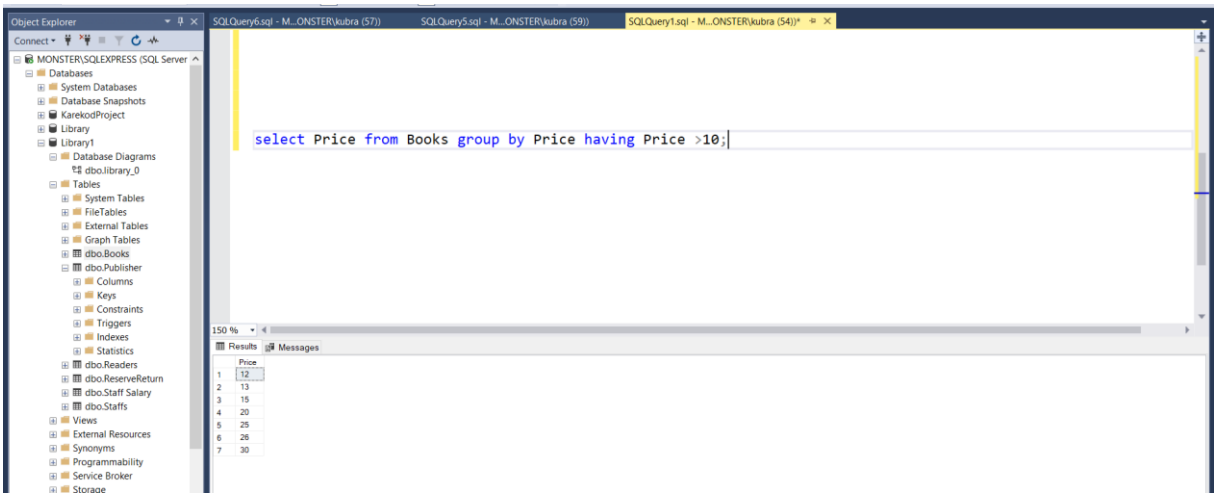
Query 6: **We calculated the count of total members and we calculated the total salary.**



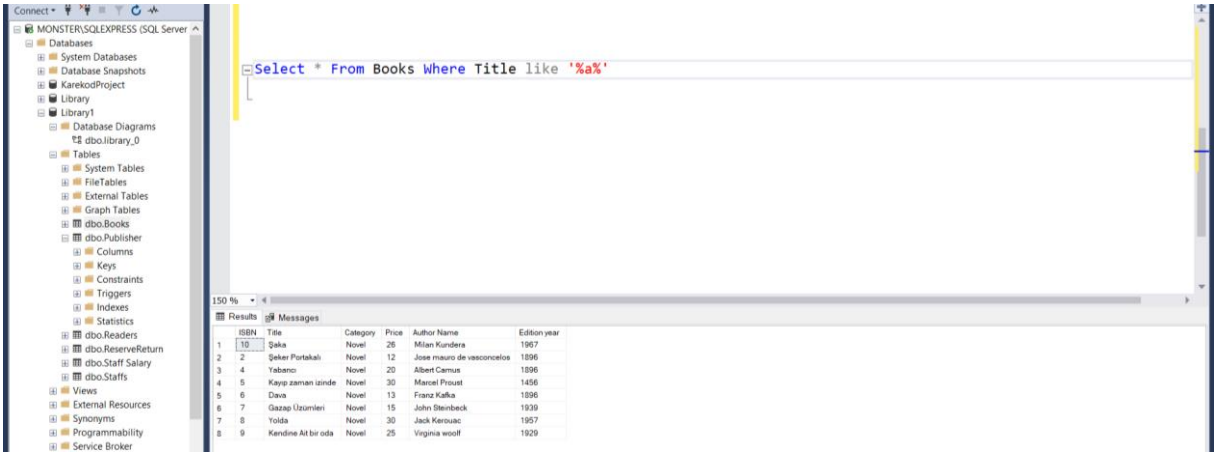
Query 7 : **We used 'Group by ' for allowing Grouping of rows of a query.**



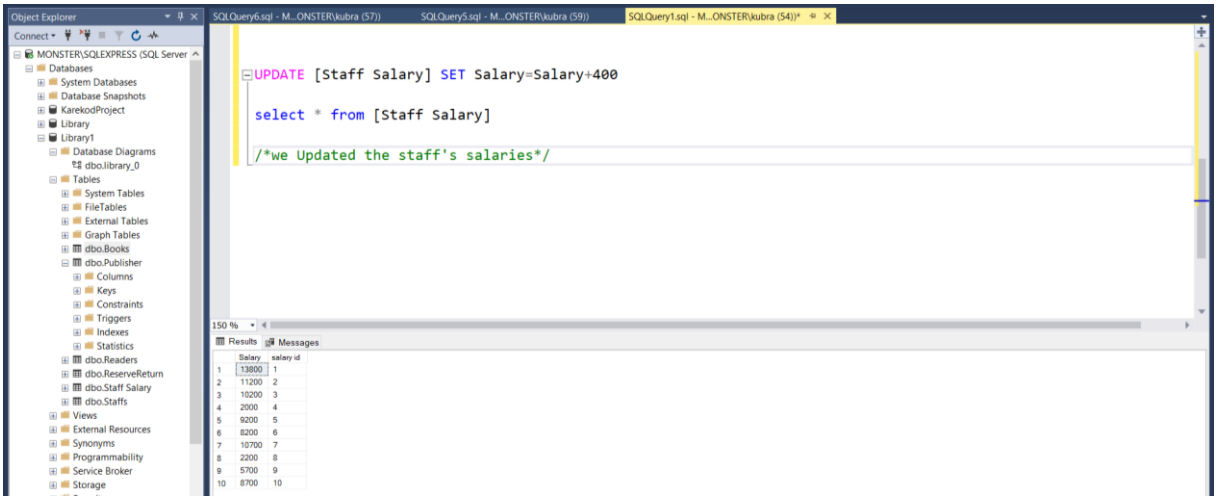
Query 8: **We having clause is used to filter record from the groups based on the specified condition.**



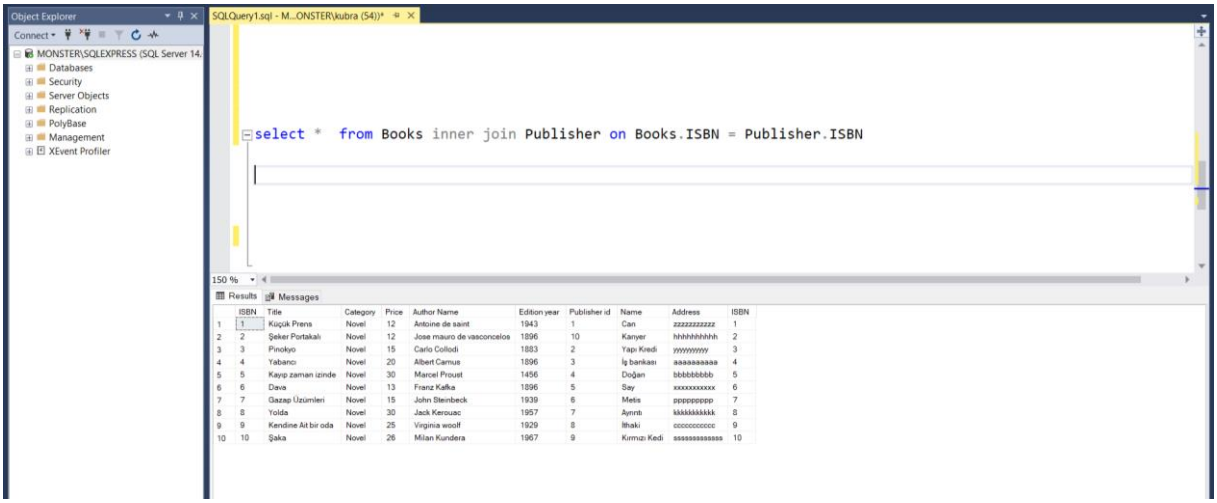
Query 9 :**We used ‘like’ to find to contains ‘a’ substring.**



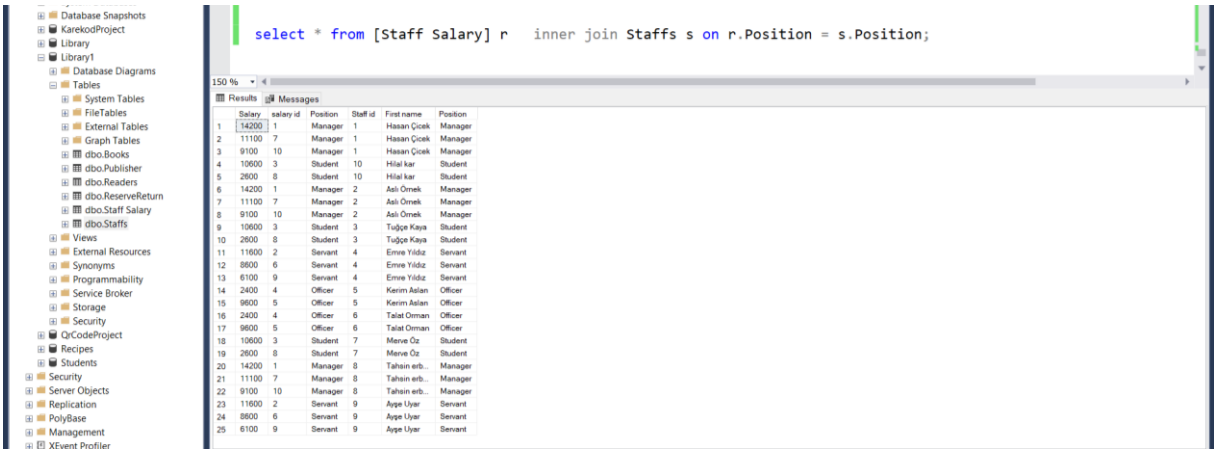
Query 10: **Using ‘Update ‘, We added more 400 dollars to salaries for each Staff.**



Query 11: We **combine records from two tables whenever there are matching values in a field common to both tables.(Books and Publisher)**

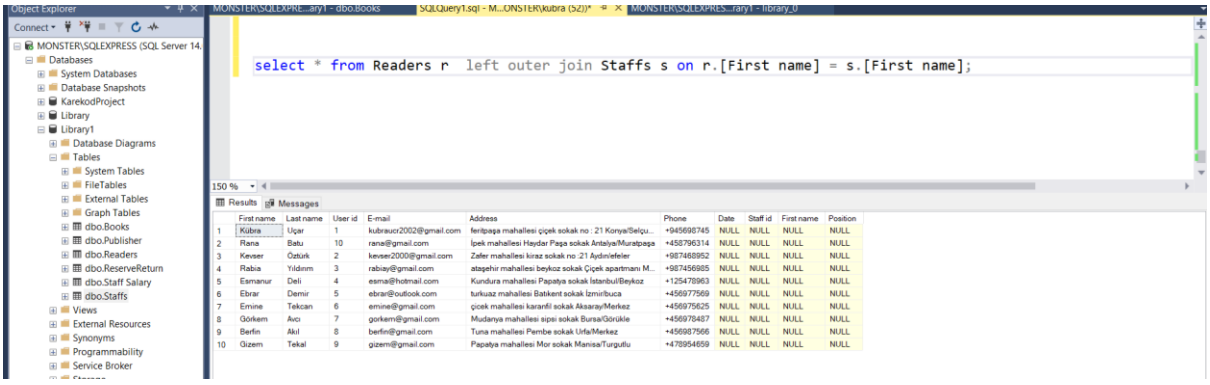


Query 12: We **combine records from two tables whenever there are matching values in a field common to both tables.(Staff salary and Staff)**

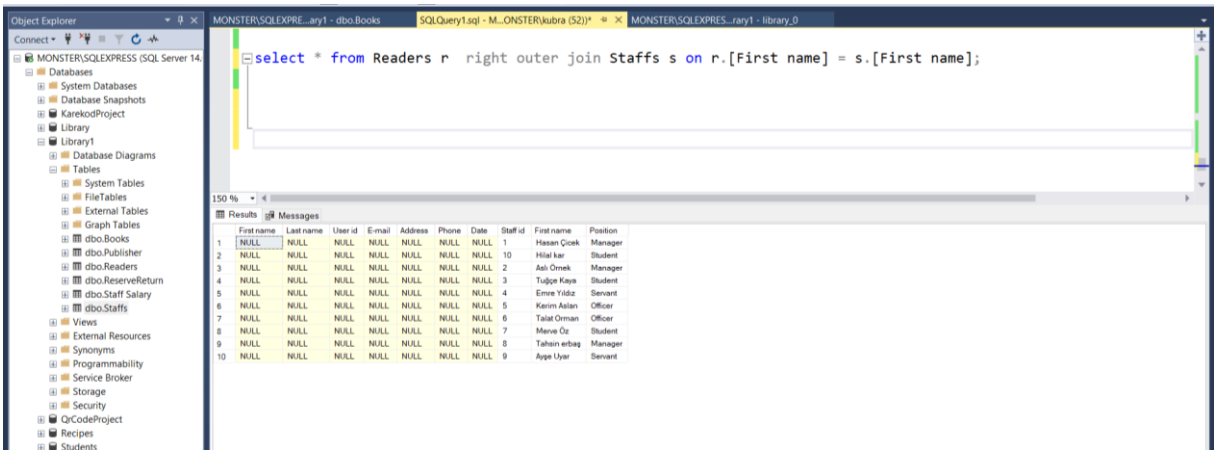


Query 13: We **combine records from two tables whenever there are matching values in a field common to both tables.(Readers and staff) We could not find any vallid value.**

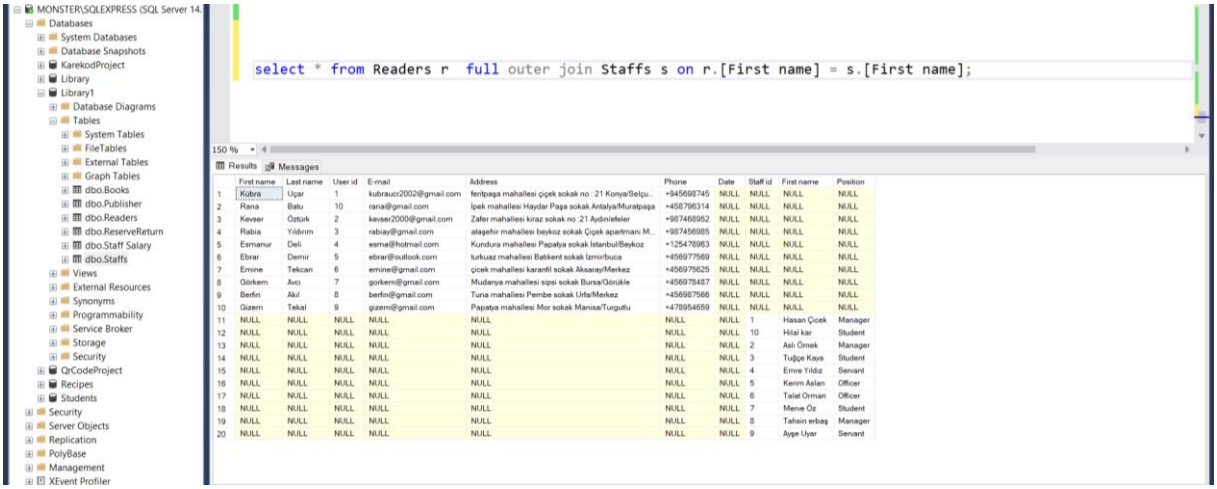
Query 14: **We used left outer join to extract the left table data only (Readers and Staffs)**



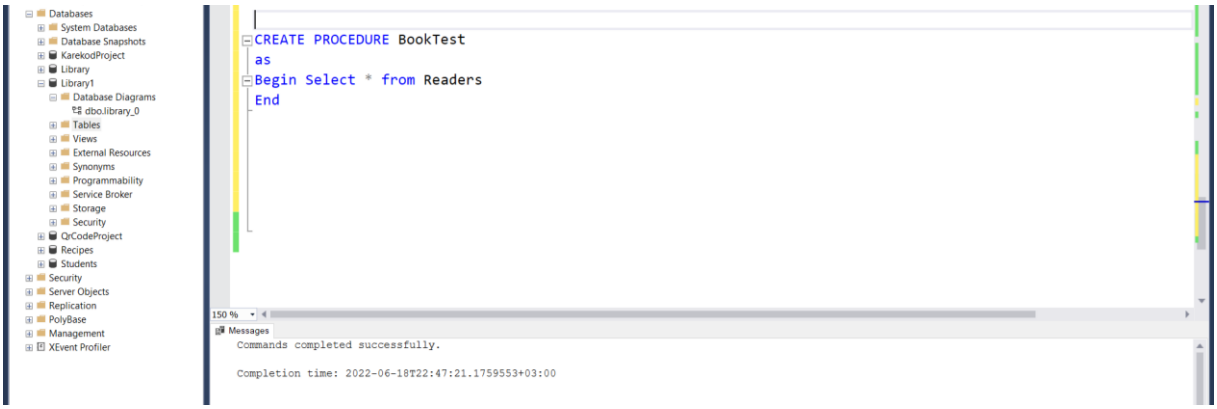
Query 15: **We used right outer join to extract the right table data only (Readers and Staffs)**



Query 16: **We combined the results of both left and right outer joins and returns all (matched or unmatched) rows from the tables on both sides of the join clause. (Readers and Staffs)**

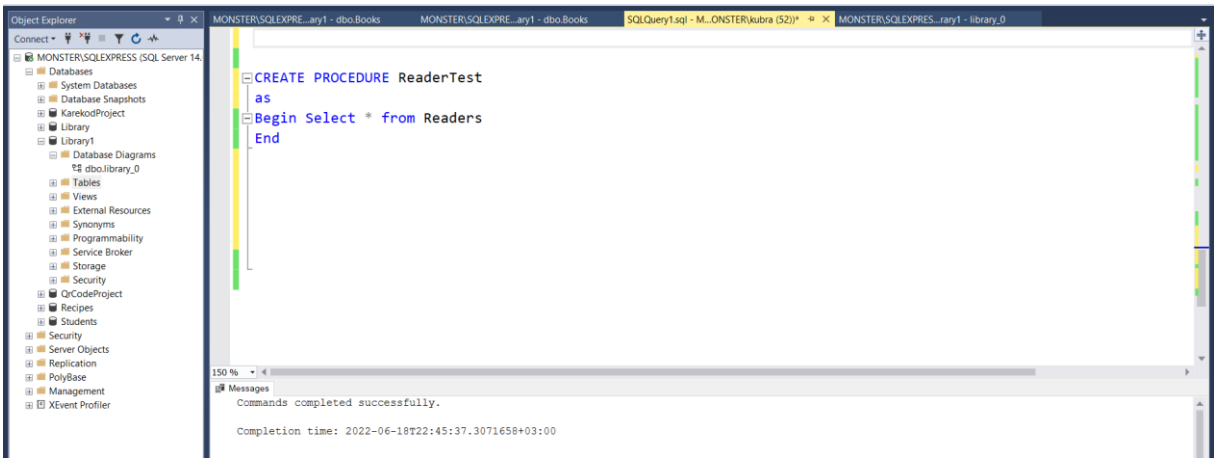


Query 17: **We Created a Procedure for allow to create SQL queries to be stored and executed on the server,thus we can execute this query on server.**

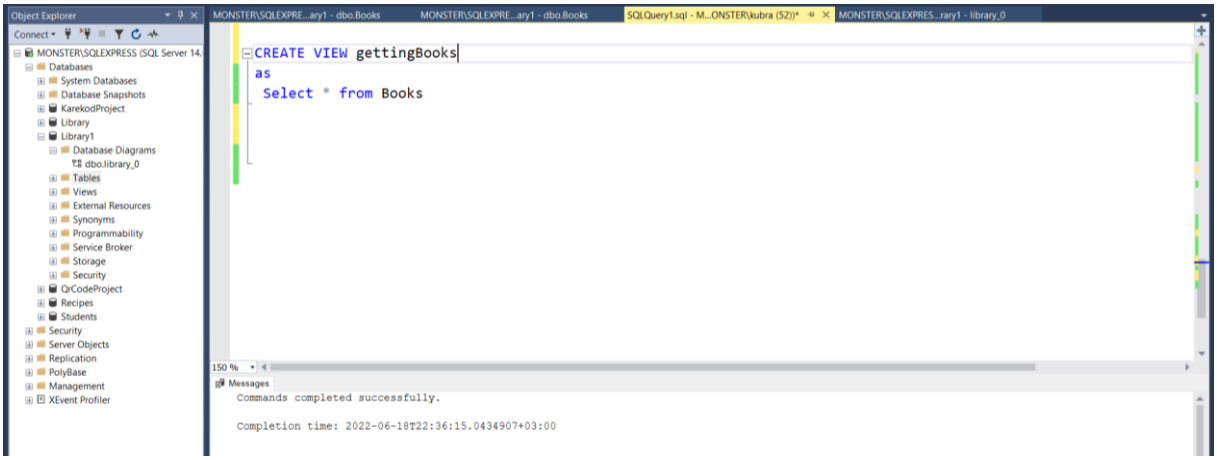


Query 18:

We Created a Procedure for allow to create SQL queries to be stored and executed on the server,thus we can execute this query on server.



Query19 : **Views are used for security purposes because they provide encapsulation of the name of the table**



Query 20:

Views are used for security purposes because they provide encapsulation of the name of the table.