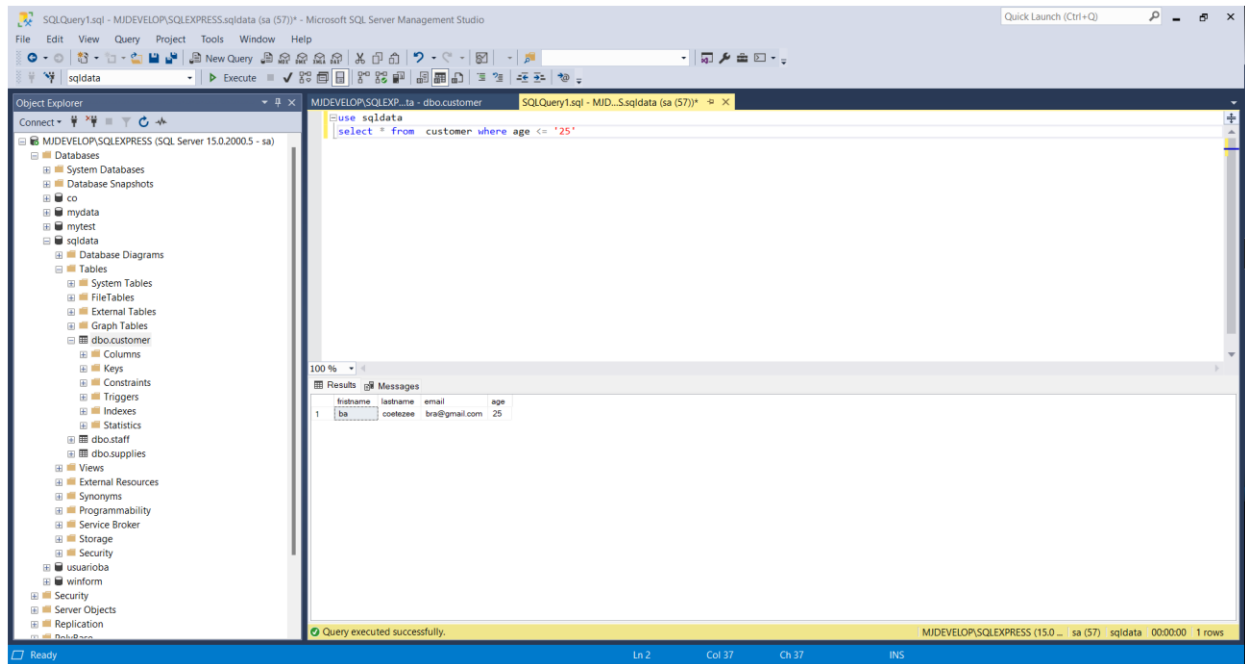
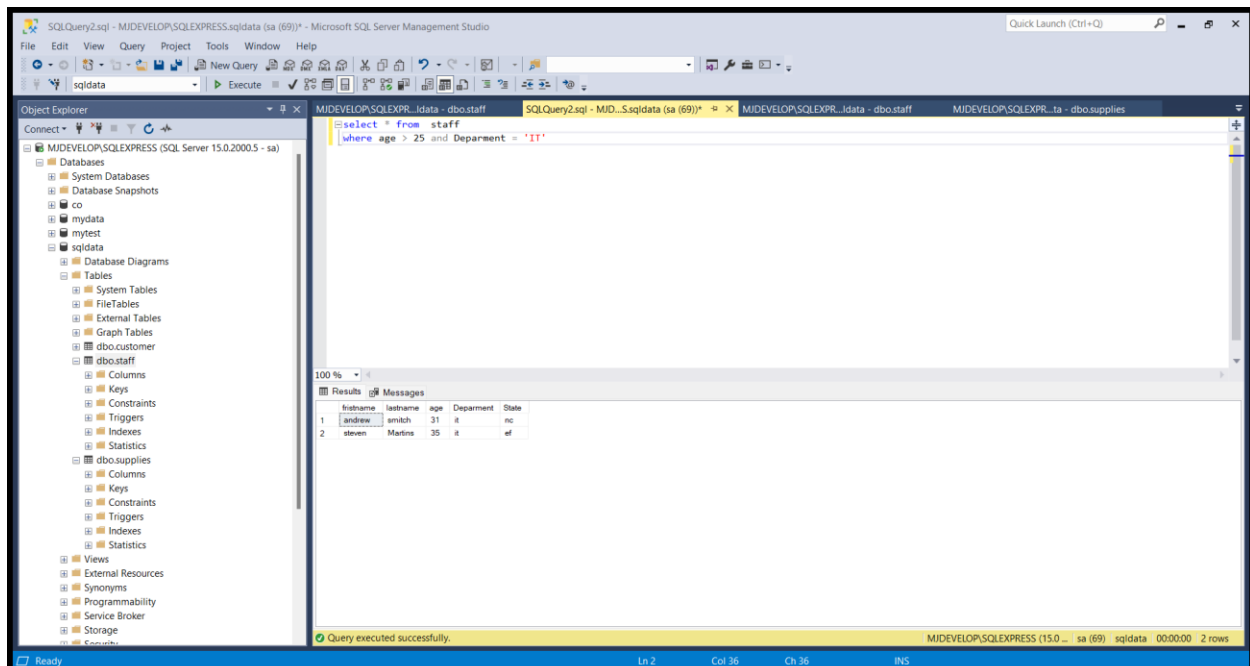


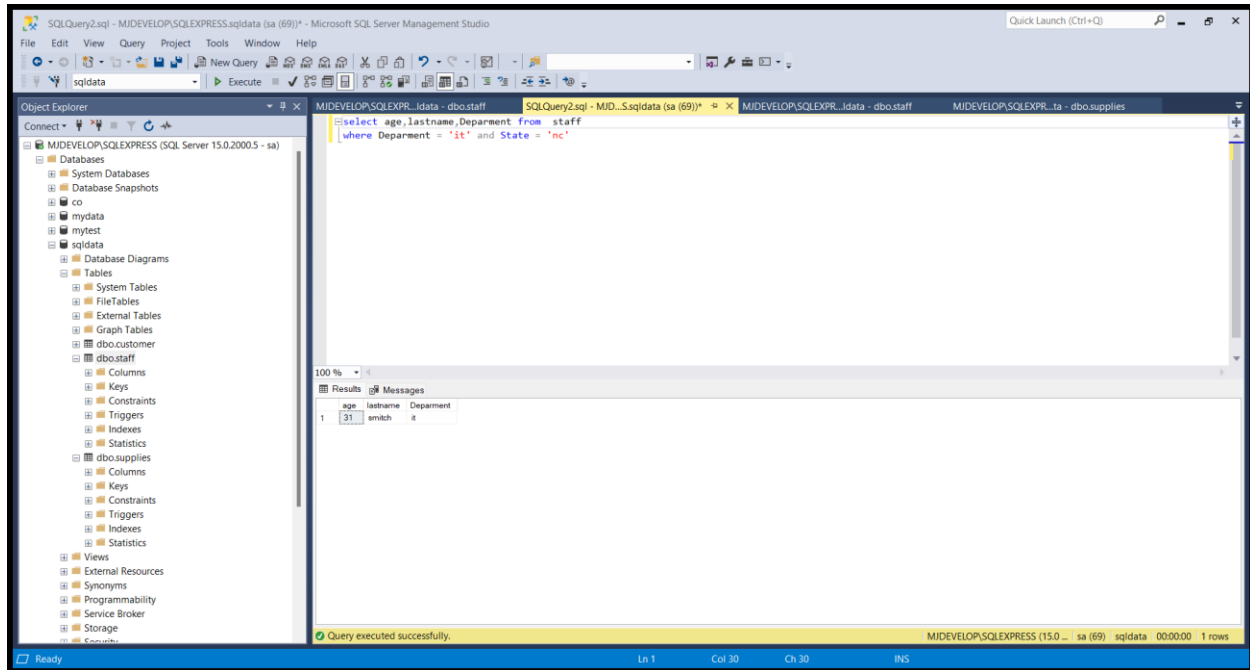
Where donde buscando o Tambien se puede una comparacion



Operators logic sql



Select and where



Age comparacion (> mayor grass < less )

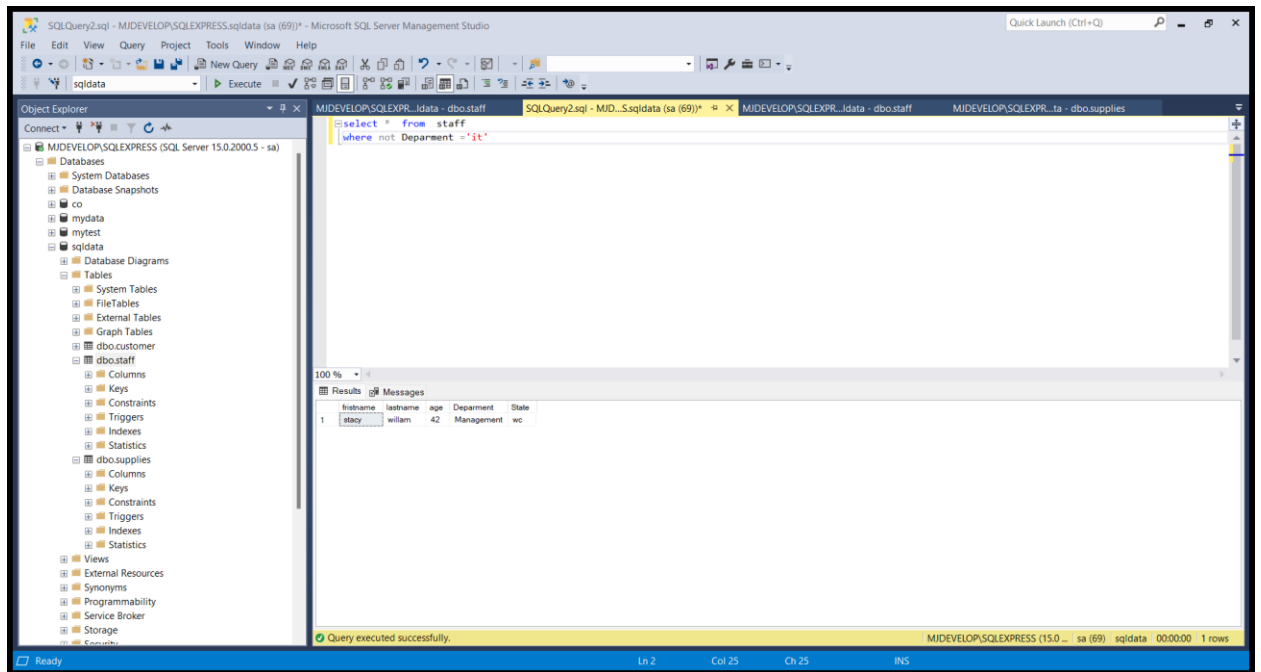
The screenshot displays the Microsoft SQL Server Management Studio interface. The 'Object Explorer' on the left shows the database structure for 'MIDEVELOP\SQLEXPRESS (SQL Server 15.0.2000.5 - sa)'. The 'Query Editor' in the center contains the following SQL query:

```
select * from staff
where not age > 40
```

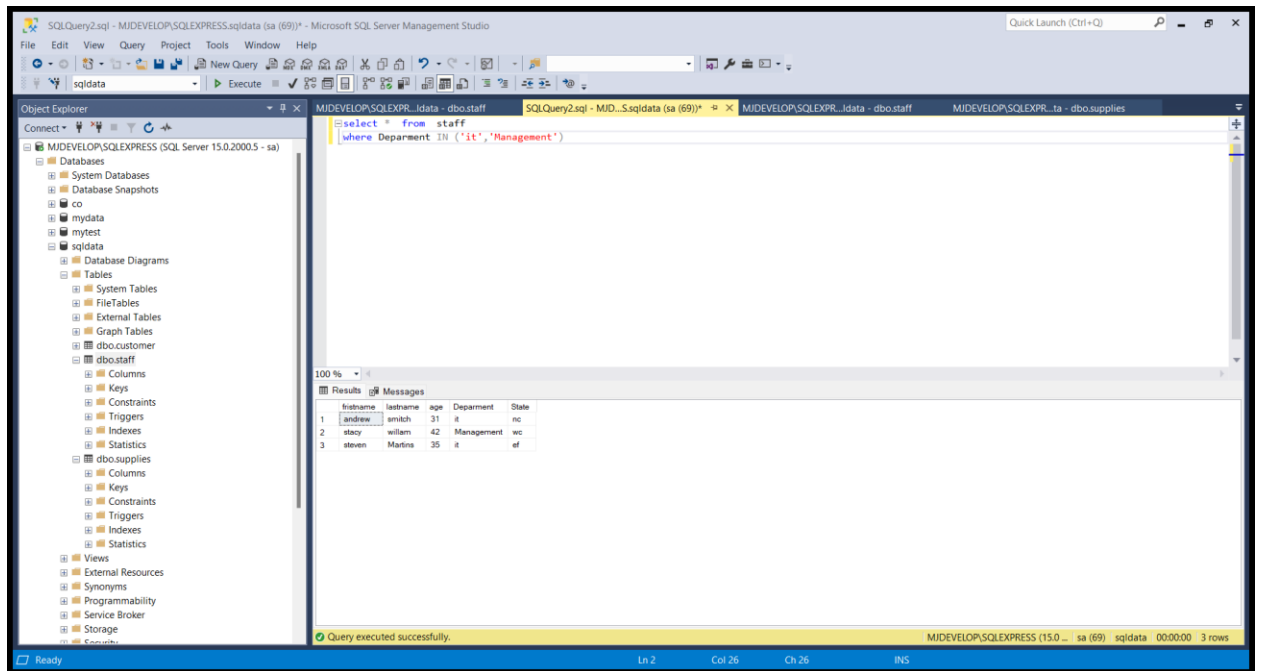
The 'Results' pane at the bottom shows the output of the query, which consists of two rows of data:

	firstname	lastname	age	Department	State
1	andrew	smith	31	it	nc
2	stevan	Martins	35	it	af

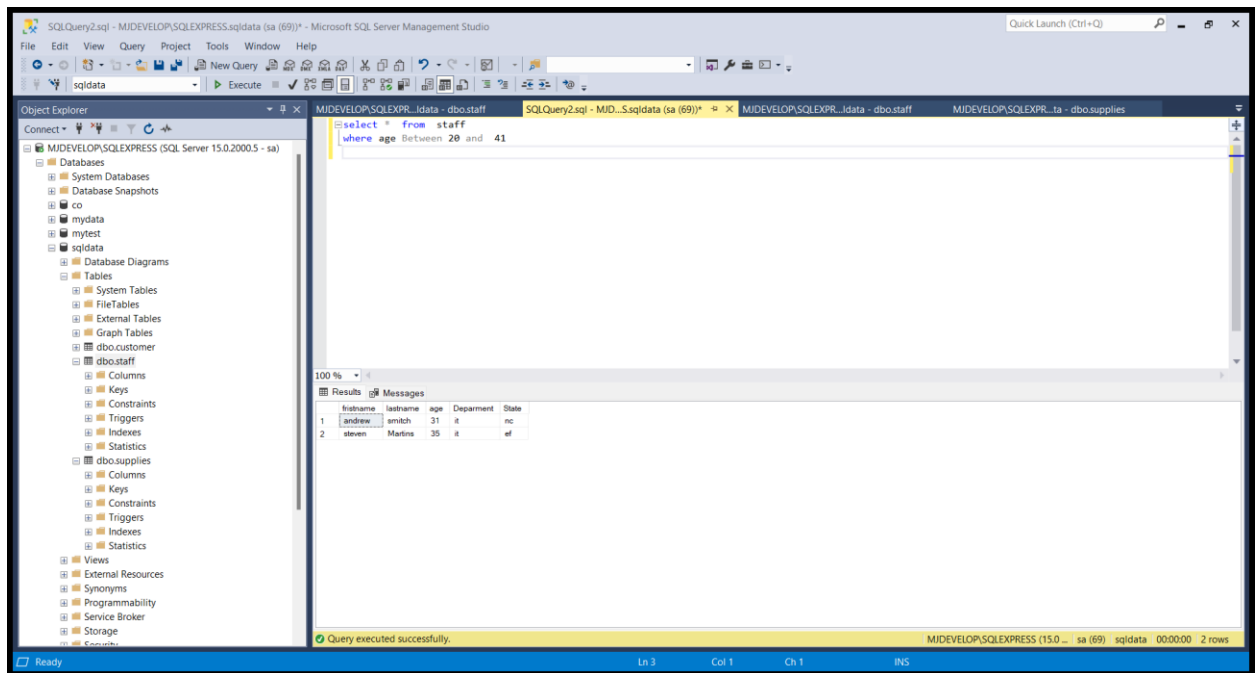
The status bar at the bottom indicates 'Query executed successfully.' and 'MIDEVELOP\SQLEXPRESS (15.0 ... sa (69)) sqldata 00:00:00 2 rows'.



In search



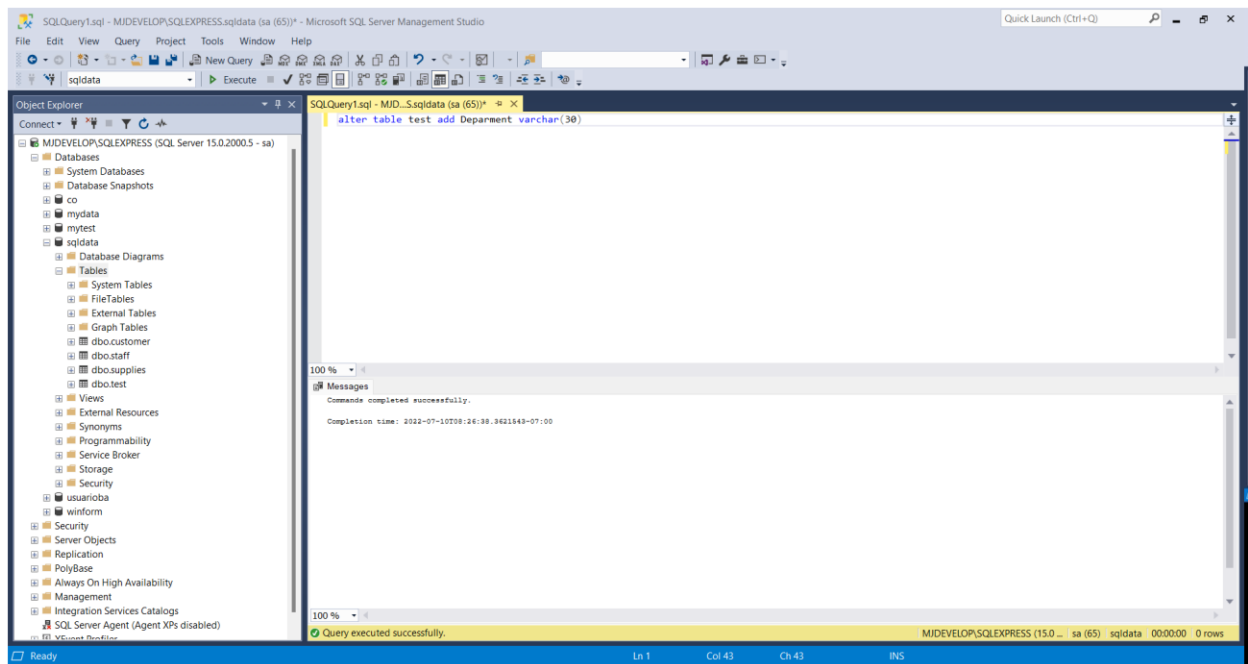
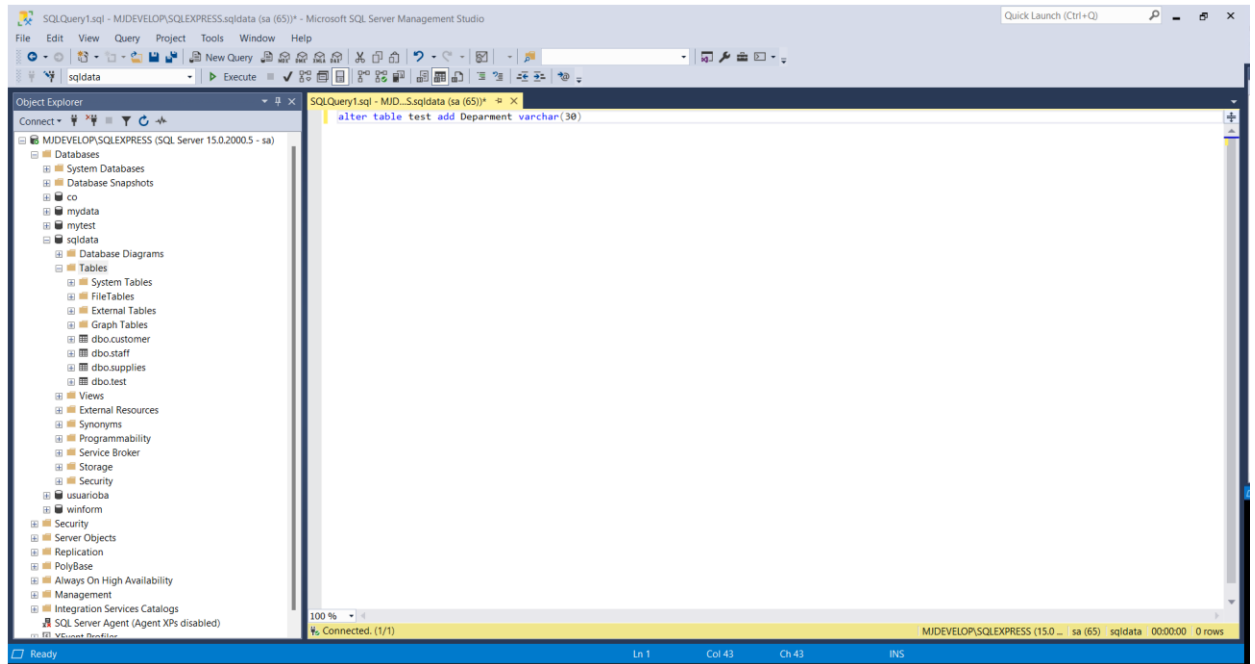
## Between companions

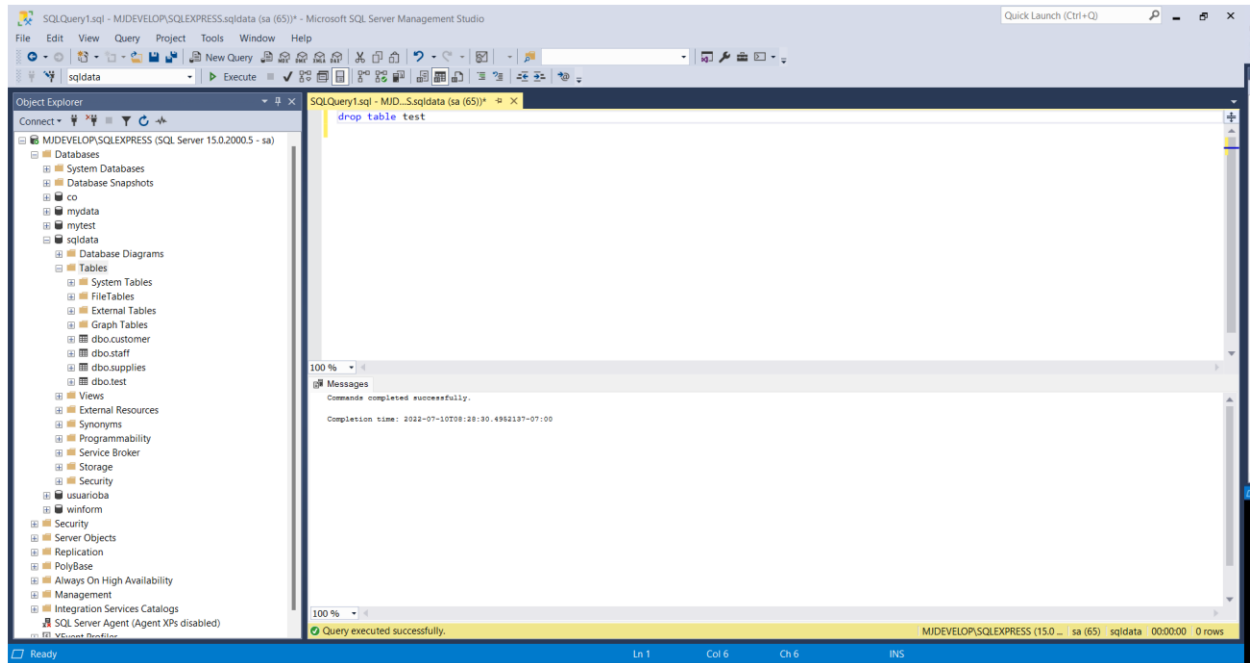
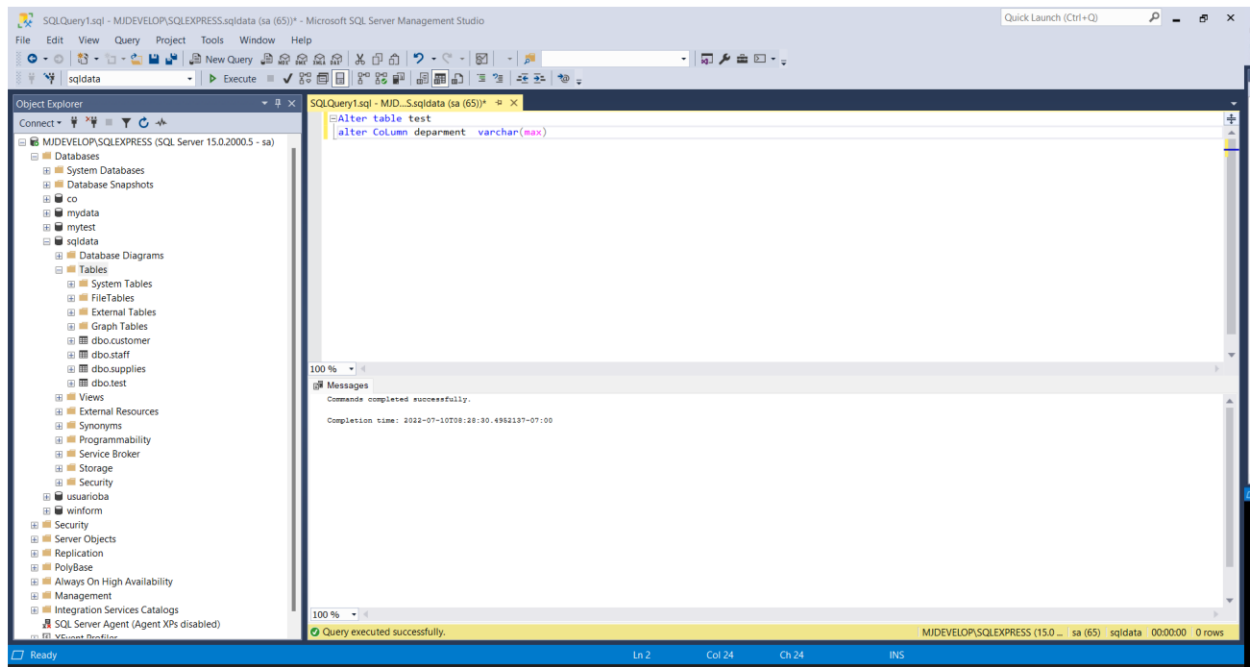


```
select * from staff
where age Between 20 and 30 and
       State ('wc','nc')
```

```
select * from staff
update SET [lastname] = 'willam'
where [fristname] = 'jack'
      --insert into staff ([fristname],[lastname],[age],[Deapartment],State) values
('Jack','Sparrow','28','sales','nc')
```

## Alter table





Order by in alphabet

desc All is different

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left displays the database structure for 'MIDVELOP\SQLEXPRESS (SQL Server 15.0.2000.5 - sa)'. The query editor in the center contains the following SQL query:

```
select * from staff
order by [firstname]
```

The Results pane at the bottom shows the output of the query, which is a table with 5 columns: **firstname**, **lastname**, **age**, **Department**, and **State**. The data is as follows:

1	2	3	4	5
firstname	lastname	age	Department	State
andrew	smith	31	it	nc
Jack	Sparrow	28	sales	nc
steve	william	42	Management	nc
stevan	Martine	35	it	ef

The status bar at the bottom indicates 'Query executed successfully.' and 'MIDVELOP\SQLEXPRESS (15.0 ... sa (65) sqldata 00:00:00 4 rows'.

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left displays the database structure for 'MIDVELOP\SQLEXPRESS (SQL Server 15.0.2000.5 - sa)'. The query editor in the center contains the following SQL query:

```
select count (Department) as 'number of Departments',Department
from staff
GROUP BY Department
```

The Results pane at the bottom shows the output of the query, which is a table with 2 columns: **number of Departments** and **Department**. The data is as follows:

1	2
number of Departments	Department
4	Management
1	sales

The status bar at the bottom indicates 'Query executed successfully.' and 'MIDVELOP\SQLEXPRESS (15.0 ... sa (65) sqldata 00:00:00 3 rows'.



SQLQuery1.sql - MIDEVELOP\SQLEXPRESS.sqldata (sa (65)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

SQLQuery1.sql - MIDEVELOP\SQLEXPRESS.sqldata (sa (65))

Execute

Object Explorer

Connect +

MIDEVELOP\SQLEXPRESS (SQL Server 15.0.2000.5 - sa)

- Databases
  - System Databases
  - Database Snapshots
  - co
  - mydata
  - mytest
  - sqldata
    - Database Diagrams
    - Tables
      - System Tables
      - FileTables
      - External Tables
      - Graph Tables
      - dbo.customer
      - dbo.staff
    - Columns
      - firstname (varchar(max), null)
      - lastname (varchar(max), null)
      - age (int, null)
      - Department (varchar(max), null)
      - State (varchar(max), null)
    - Keys
    - Constraints
    - Triggers
    - Indexes
    - Statistics
    - dbo.supplies
    - dbo.test
  - Views
  - External Resources
  - Synonyms
  - Programmability
  - Service Broker
  - Storage
  - Capabilities

SQLQuery1.sql - MIDEVELOP\SQLEXPRESS.sqldata (sa (65))

```
select count (Department) as 'number of Departments', Department
from staff
GROUP BY Department
Having Department In ('it','account')
```

100 %

Results Messages

	number of Departments	Department
1	2	it

Query executed successfully.

MIDEVELOP\SQLEXPRESS (15.0 - sa (65) sqldata 00:00:00 1 rows

Ready Ln 4 Col 25 Ch 25 INS



SQLQuery1.sql - MIDEVELOP\SQLEXPRESS.sqldata (sa (65)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

SQLdata Execute

Object Explorer

Connect: MIDEVELOP\SQLEXPRESS (SQL Server 15.0.2000.5 - sa)

- Databases
  - System Databases
  - Database Snapshots
  - co
  - mydata
  - mytest
  - sqldata
    - Database Diagrams
    - Tables
      - System Tables
      - FileTables
      - External Tables
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      - dbo.customer
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      - firstname (varchar(max), null)
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      - age (int, null)
      - Department (varchar(max), null)
      - State (varchar(max), null)
    - Keys
    - Constraints
    - Triggers
    - Indexes
    - Statistics
    - dbo.supplies
    - dbo.test
  - Views
  - External Resources
  - Synonyms
  - Programmability
  - Service Broker
  - Storage

SQLQuery1.sql - MJD...\_S.sqldata (sa (65))

```
select Top 40 PERCENT *  
from staff order by [firstname]
```

100 %

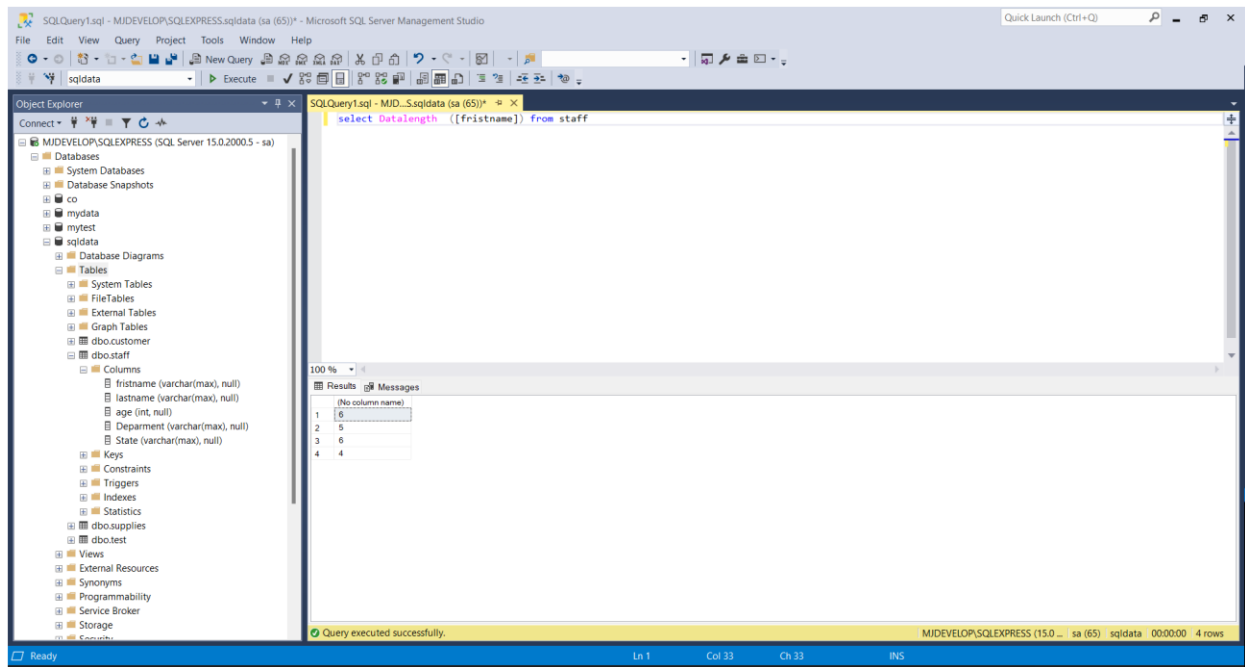
Results Messages

	firstname	lastname	age	Department	State
1	andrew	smith	31	it	nc
2	Jack	Sparrow	28	sales	nc

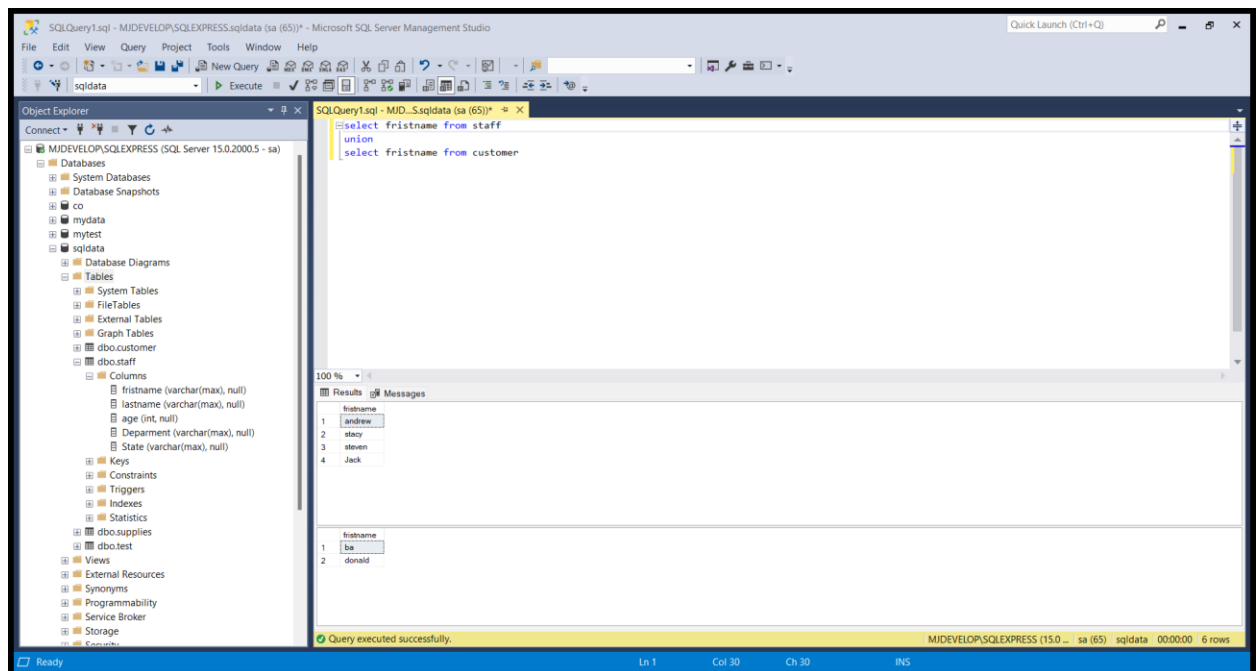
Query executed successfully.

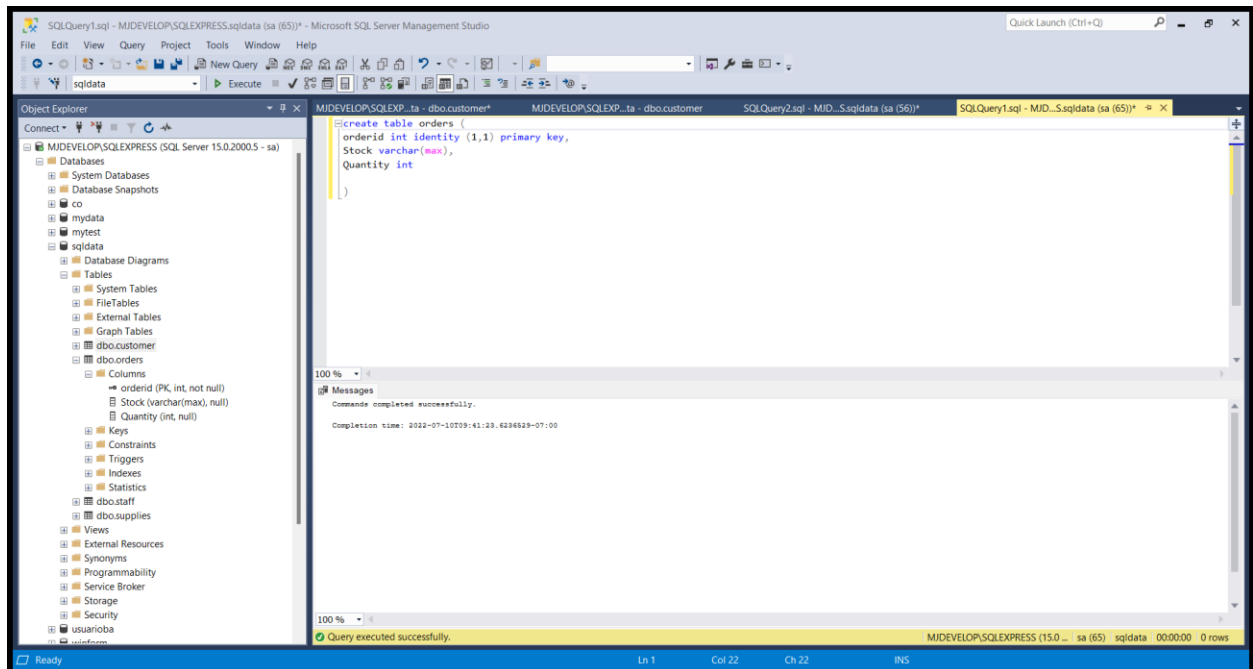
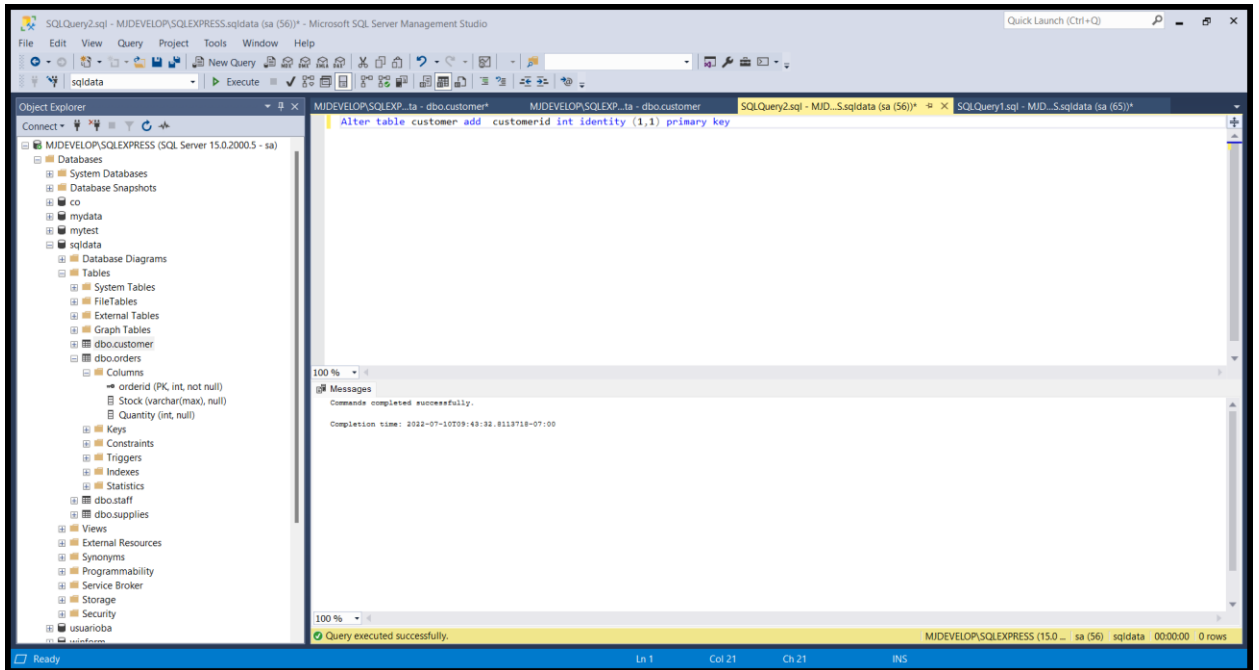
MIDEVELOP\SQLEXPRESS (15.0 - sa (65) sqldata 00:00:00 2 rows

Ready Ln 1 Col 14 Ch 14 INS



Union table





SQLQuery1.sql - MIDEVELOP\SQLEXPRESS.sqldata (sa (65)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - MIDEVELOP\SQLEXPRESS (SQL Server 15.0.2000.5 - sa)

Databases

System Databases

Database Snapshots

co

mydata

mytest

sqldata

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.customer

dbo.orders

Columns

orderid (PK, int, not null)

Stock (varchar(max), null)

Quantity (int, null)

Keys

Constraints

Triggers

Indexes

Statistics

dbo.staff

dbo.supplies

Views

External Resources

Synonyms

Programmability

Service Broker

Storage

Security

usarioiba

usarioiba

SQLQuery1.sql - MIDEVELOP\SQLEXPRESS.sqldata (sa (65))

```
select customerid,firstname,lastname , stock,[Quantity]
from customer
right join orders on customer.customerid = orders.orderid
```

Results

	customerid	firstname	lastname	stock	Quantity
1	1	ba	coetzee	8 gb ram	5
2	2	dona	smith	psu	2
3	NULL	NULL	NULL	cpu	10
4	NULL	NULL	NULL	laptop	10

Messages

Query executed successfully.

MIDEVELOP\SQLEXPRESS (15.0 ... sa (65) sqldata 00:00:00 4 rows

Ready Ln 3 Col 6 Ch 6 INS

SQLQuery1.sql - MIDEVELOP\SQLEXPRESS.sqldata (sa (65)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - MIDEVELOP\SQLEXPRESS (SQL Server 15.0.2000.5 - sa)

Databases

System Databases

Database Snapshots

co

mydata

mytest

sqldata

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.customer

dbo.orders

Columns

orderid (PK, int, not null)

Stock (varchar(max), null)

Quantity (int, null)

Keys

Constraints

Triggers

Indexes

Statistics

dbo.staff

dbo.supplies

Views

External Resources

Synonyms

Programmability

Service Broker

Storage

Security

usarioiba

usarioiba

SQLQuery1.sql - MIDEVELOP\SQLEXPRESS.sqldata (sa (65))

```
select customerid,firstname,lastname , stock,[Quantity]
from customer
left join orders on customer.customerid = orders.orderid
```

Results

	customerid	firstname	lastname	stock	Quantity
1	1	ba	coetzee	8 gb ram	5
2	2	dona	smith	psu	2

Messages

Query executed successfully.

MIDEVELOP\SQLEXPRESS (15.0 ... sa (65) sqldata 00:00:00 2 rows

Ready Ln 3 Col 6 Ch 6 INS