

## SQL Query Execute Reports with Screenshot Output

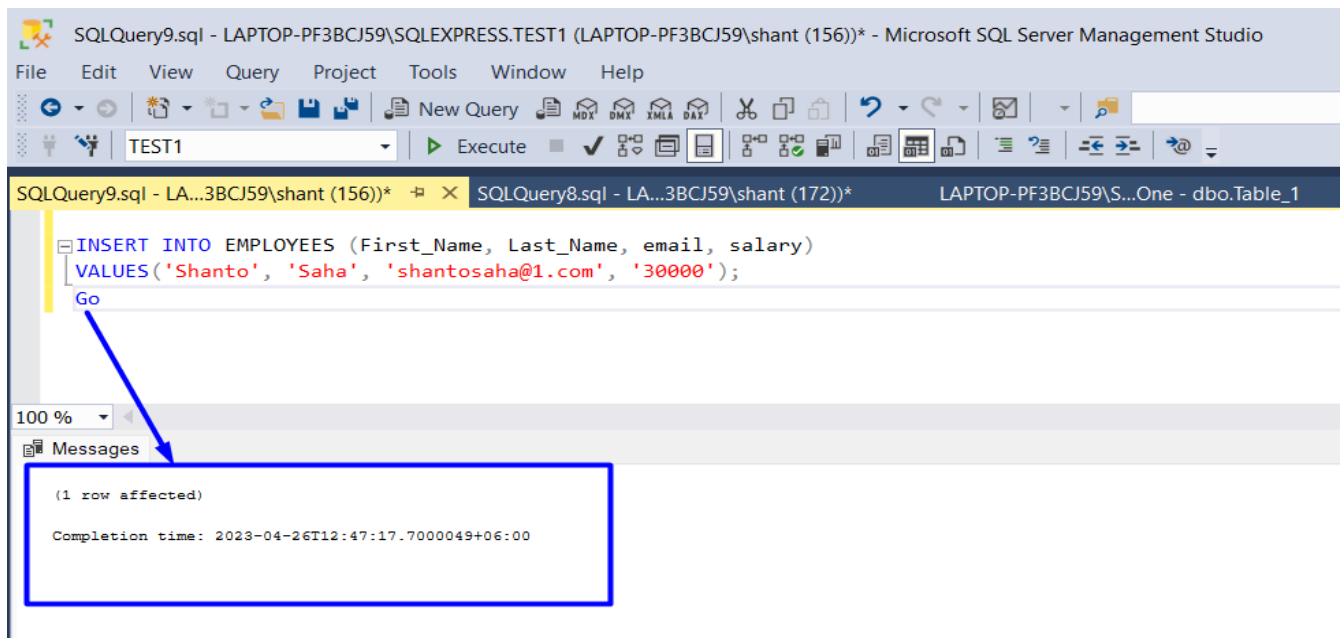
In this report, I am describing my overall SQL database work. Firstly, I have created a database then I have inserted different types of query for database testing.

These query are:

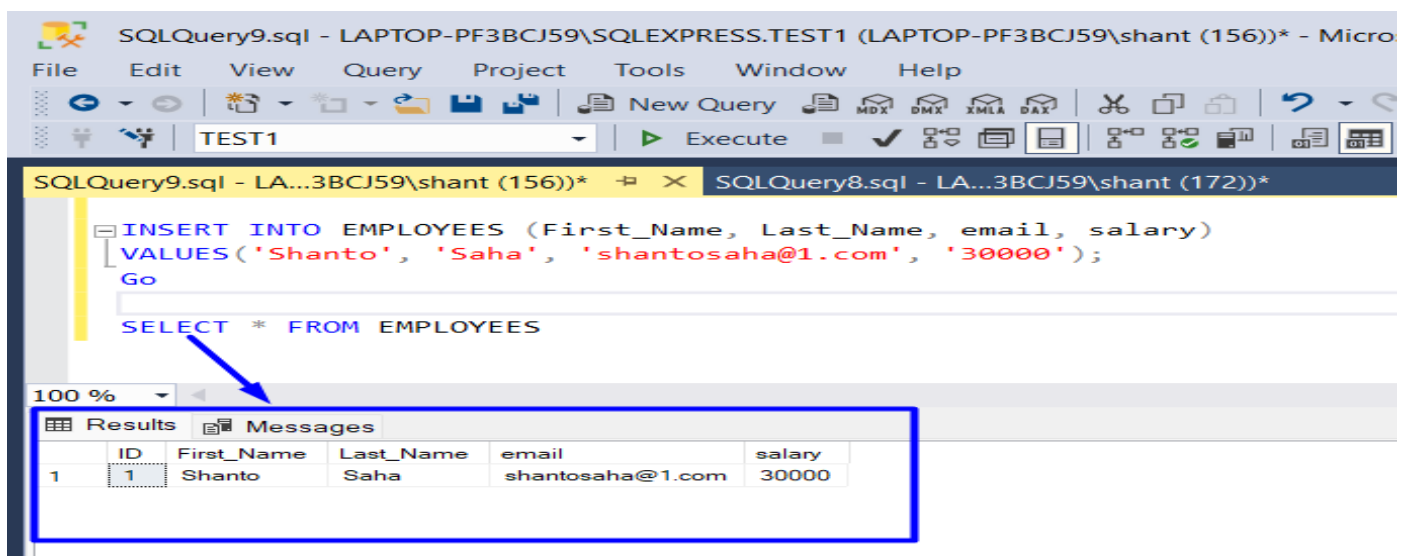
- Insert query.
- Update query.
- Delete query.
- Group query.
- Having query.
- Top Query

I am attaching my SQL Query 'Output' screenshot:

### Insert Query



**Figure 1: Insert Employees Values**



**Figure 2: Employees Value Inserted**

SQLQuery9.sql - LAPTOP-PF3BCJ59\SQLEXPRESS.TEST1 (LAPTOP-PF3BCJ59\shant (156))\* - Microsoft SQL Server Enterprise Edition

File Edit View Query Project Tools Window Help

TEST1 Execute

SQLQuery9.sql - LA...3BCJ59\shant (156))\* SQLQuery8.sql - LA...3BCJ59\shant (172))\* LAPTO

```
INSERT INTO EMPLOYEES (First_Name, Last_Name, email, salary)
VALUES('Shanto', 'Saha', 'shantosaha@1.com', '30000');

INSERT INTO EMPLOYEES (First_Name, Last_Name, email, salary)
VALUES('Richard', 'Saha', 'richardsaha@2.com', '40000');

INSERT INTO EMPLOYEES (First_Name, Last_Name, email, salary)
VALUES('Tomal', 'Saha', 'tomalsaha@3.com', '35000');

INSERT INTO EMPLOYEES (First_Name, Last_Name, email, salary)
VALUES('Manik', 'Rahman', 'mankik4@.com', '42000');

INSERT INTO EMPLOYEES (First_Name, Last_Name, email, salary)
VALUES('Karul', 'islam', 'kamrul5@.com', '38000');

INSERT INTO EMPLOYEES (First_Name, Last_Name, email, salary)
VALUES('Skito', 'Ghosh', 'shiktosaha6@.com', '25000');
```

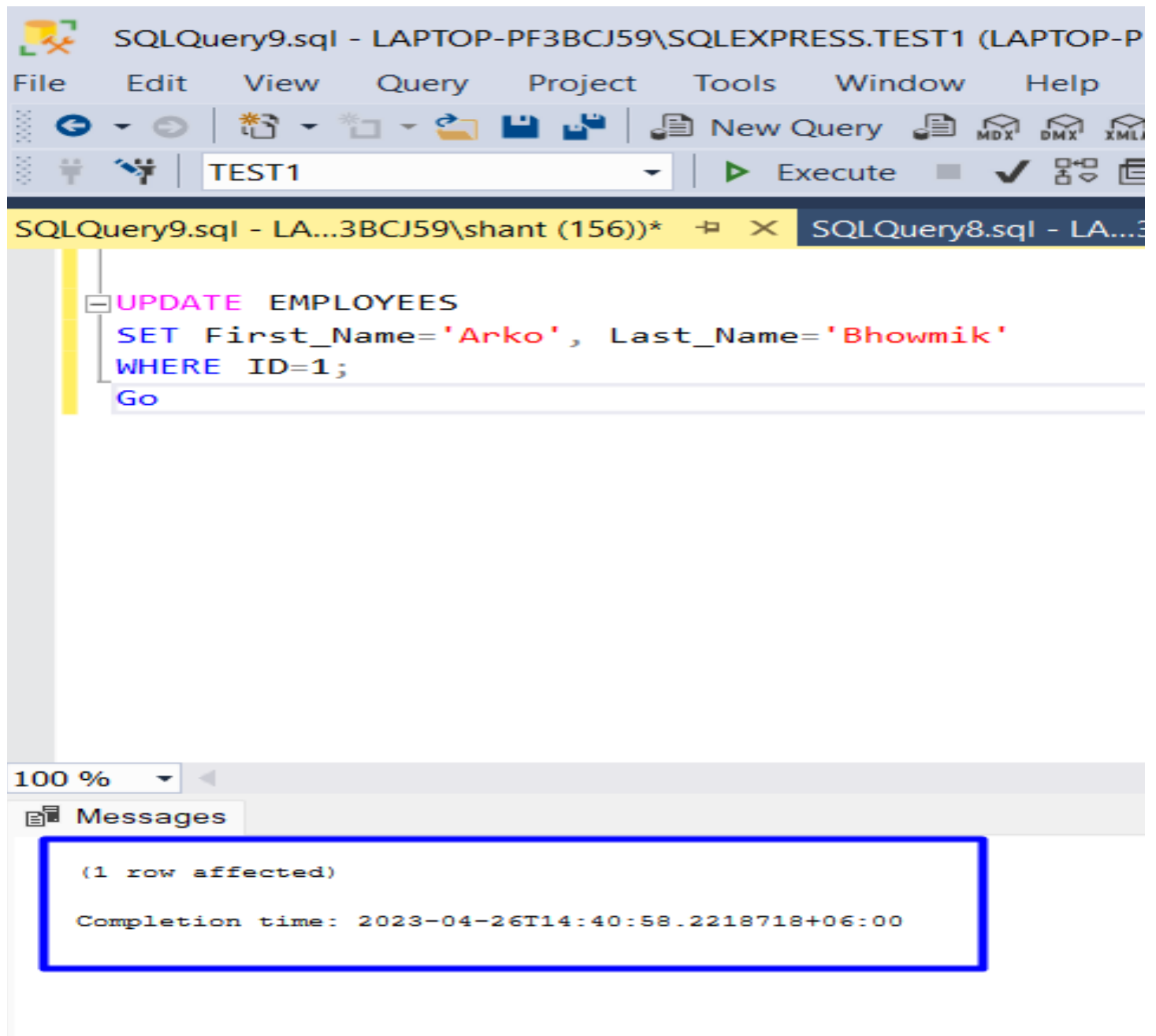
100 %

Results Messages

	ID	First_Name	Last_Name	email	salary
1	1	Shanto	Saha	shantosaha@1.com	30000
2	2	Richard	Saha	richardsaha@2.com	40000
3	3	Tomal	Saha	tomalsaha@3.com	35000
4	4	Manik	Rahman	mankik4@.com	42000
5	5	Karul	islam	kamrul5@.com	38000
6	6	Skito	Ghosh	shiktosaha6@.com	25000
7	7	Toma	Majumdar	tomas7@.com	28000
8	8	Joy	Roy	Joy8@.com	38000
9	9	Akash	Saha	akashsaha9@.com	35000
10	10	Emon	Roy	emonn10@.com	55000

**Figure 3: Inserted Employees Multiple Value**

## Update Query



**Figure 4:** Updated value affected in the row

SQLQuery9.sql - LAPTOP-PF3BCJ59\SQLEXPRESS.TEST1 (LAPTOP-PF3BCJ59\shant (156))\* - Microsoft SQL Server Enterprise Edition

File Edit View Query Project Tools Window Help

TEST1 Execute

SQLQuery9.sql - LA...3BCJ59\shant (156))\* SQLQuery8.sql - LA...3BCJ59\shant (172))\*

```
SELECT * FROM EMPLOYEES
```

```
UPDATE EMPLOYEES  
SET First_Name='Arko', Last_Name='Bhowmik'  
WHERE ID=1;  
Go
```

100 %

Results Messages

	ID	First_Name	Last_Name	email	salary
1	1	Arko	Bhowmik	shantosaha@1.com	30000
2	2	Richard	Saha	richardsaha@2.com	40000
3	3	Tomal	Saha	tomalsaha@3.com	35000
4	4	Manik	Rahman	mankik4@.com	42000
5	5	Karul	islam	kamrul5@.com	38000
6	6	Skito	Ghosh	shiktosaha6@.com	25000
7	7	Toma	Majumdar	tomas7@.com	28000
8	8	Joy	Roy	Joy8@.com	38000
9	9	Akash	Saha	akashsaha9@.com	35000
10	10	Emon	Roy	emonn10@.com	55000
11	11	Ayon	Saha	ayon11@.com	20000
12	12	Biplov	Mitro	biplov12@.com	60000
13	13	Milon	Roy	milon13@.com	85000
14	14	Nipul	Kumar	nipul14@.com	55000
15	15	Emon	das	das15@.com	64000
16	16	Usha	Roy	usha16@.com	32000
17	17	Milon	Saha	milon17@.com	55000
18	18	Nirob	Roy	nirob18.com	80000
19	19	Eshsa	Das	easha19@.com	42000

Query executed successfully.

**Figure 5:** Updated the insert value in the row

## Delete Query

The screenshot shows the SQL Server Enterprise Manager interface. The top menu bar includes File, Edit, View, Query, Project, Tools, Window, and Help. The toolbar contains icons for New Query, Open, Save, Execute, and other standard database operations. The main query window displays the following SQL statement:

```
DELETE FROM EMPLOYEES WHERE First_Name='Richard';
```

Below the query window, the Messages pane shows the execution results:

```
(1 row affected)  
Completion time: 2023-04-26T14:52:32.4603595+06:00
```

**Figure 6: Deleted Query affected in the row**

The screenshot shows the SQL Server Enterprise Manager interface. The top menu bar includes File, Edit, View, Query, Project, Tools, Window, and Help. The toolbar contains icons for New Query, Open, Save, Execute, and other standard database operations. The main query window displays the following SQL statement:

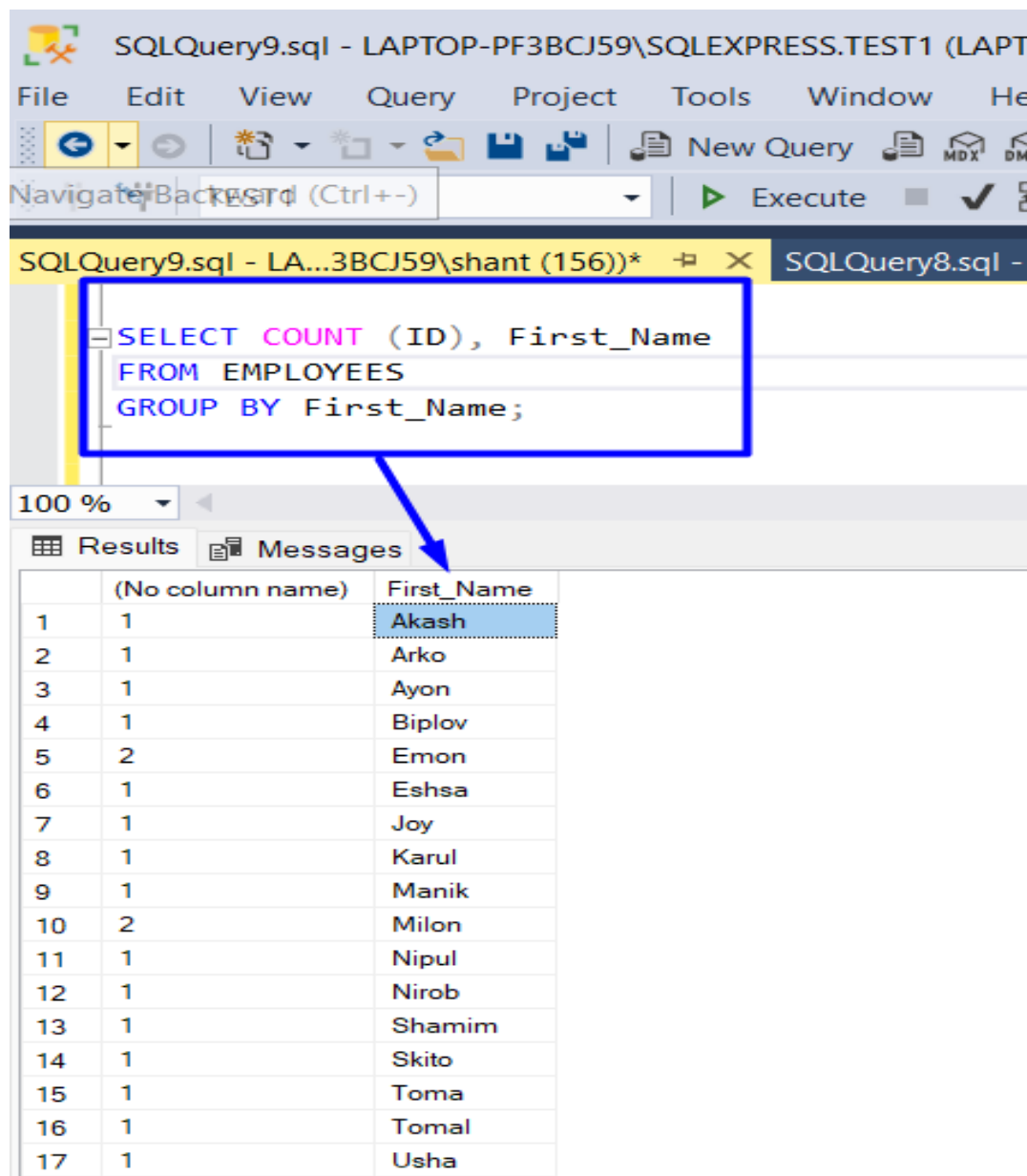
```
SELECT * FROM EMPLOYEES  
DELETE FROM EMPLOYEES WHERE First_Name='Richard';  
Go
```

Below the query window, the Results pane shows the execution results of the SELECT query:

	ID	First_Name	Last_Name	email	salary
1	1	Arko	Bhowmik	shantosaha@1.com	30000
2	3	Tomal	Saha	tomalsaha@3.com	35000
3	4	Manik	Rahman	mankik4@.com	42000
4	5	Karul	islam	kamrul5@.com	38000
5	6	Skito	Ghosh	shiktosaha6@.com	25000

**Figure 7: Deleted previous value from table**

## Group Query



**Figure 8:** Employees table group query values

## Having Clause

The screenshot shows the SQL Server Enterprise Manager interface. The query editor displays the following SQL query:

```
SELECT COUNT(ID)
FROM EMPLOYEES
HAVING COUNT (ID) > 10;
```

A blue box highlights the query text, and a blue arrow points from the word "Go" below it to the "Results" tab. The "Results" tab shows a single row with the value 19.

	(No column name)
1	19

**Figure 9: Having Clause with Aggregate Function**

The screenshot shows the SQL Server Enterprise Manager interface. The query editor displays the following SQL query:

```
SELECT TOP 5 * FROM EMPLOYEES;
```

A blue box highlights the query text, and a blue arrow points from the word "Go" below it to the "Results" tab. The "Results" tab shows a table with 5 rows and 6 columns.

	ID	First_Name	Last_Name	email	salary
1	1	Arko	Bhowmik	shantosaha@1.com	30000
2	3	Tomal	Saha	tomalsaha@3.com	35000
3	4	Manik	Rahman	mankik4@.com	42000
4	5	Karul	islam	kamrul5@.com	38000
5	6	Skito	Ghosh	shiktosaha6@.com	25000

**Figure 10: Top value Query**