**SQL Assignment-3**

**Database:**

create database EmployeeDb

use EmployeeDb

create table Department

(

dept\_id int NOT NULL Primary Key,

dept\_name varchar(50) NOT NULL

)

create table Employee

(

emp\_id int NOT NULL Primary Key,

dept\_id int NOT NULL,

mngr\_id int NULL,

emp\_name varchar(50) NOT NULL,

salary int NOT NULL

)

insert into Department values(1001, 'FINANCE')

insert into Department values(2001, 'AUDIT')

insert into Department values(3001, 'MARKETING')

insert into Department values(4001, 'PRODUCTION')

insert into Department values(5001, 'TECHNICAL')

select \* from Department

insert into Employee values(68319, 1001, NULL, 'KAYLING', 6000)

insert into Employee values(66928, 3001, 68319, 'BLAZE', 2750)

insert into Employee values(67832, 1001, 68319, 'CLARE', 2550)

insert into Employee values(65646, 2001, 68319, 'JONAS', 2967)

insert into Employee values(67858, 2001, 65646, 'SCARLET', 3100)

insert into Employee values(69062, 2001, 65646, 'FRANK', 3100)

insert into Employee values(63679, 2001, 69062, 'SANDRINE', 900)

insert into Employee values(64989, 3001, 66928, 'ADELYN', 1700)

insert into Employee values(65271, 3001, 66928, 'WADE', 1350)

insert into Employee values(66564, 3001, 66928, 'MADDEN', 1350)

insert into Employee values(68454, 3001, 66928, 'TUCKER', 1600)

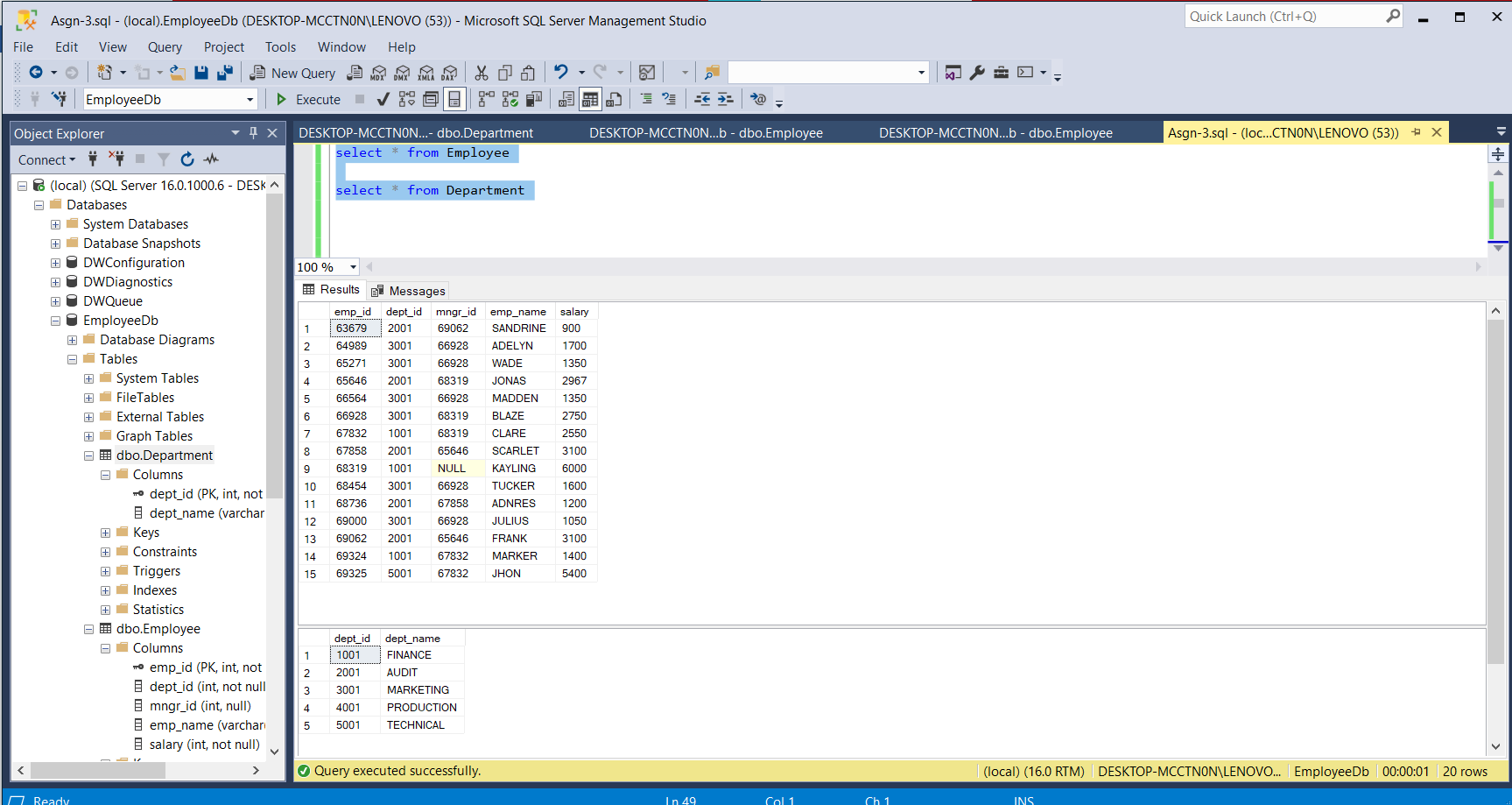
insert into Employee values(68736, 2001, 67858, 'ADNRES', 1200)

insert into Employee values(69000, 3001, 66928, 'JULIUS', 1050)

insert into Employee values(69324, 1001, 67832, 'MARKER', 1400)

insert into Employee values(69325, 5001, 67832, 'JHON', 5400)

select \* from Employee

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1. **write a SQL query to find Employees who have the biggest salary in their Department**

SELECT e.emp\_name,

e.salary ,

e.dept\_id,

Department.dept\_name

FROM Employee e

RIGHT JOIN Department

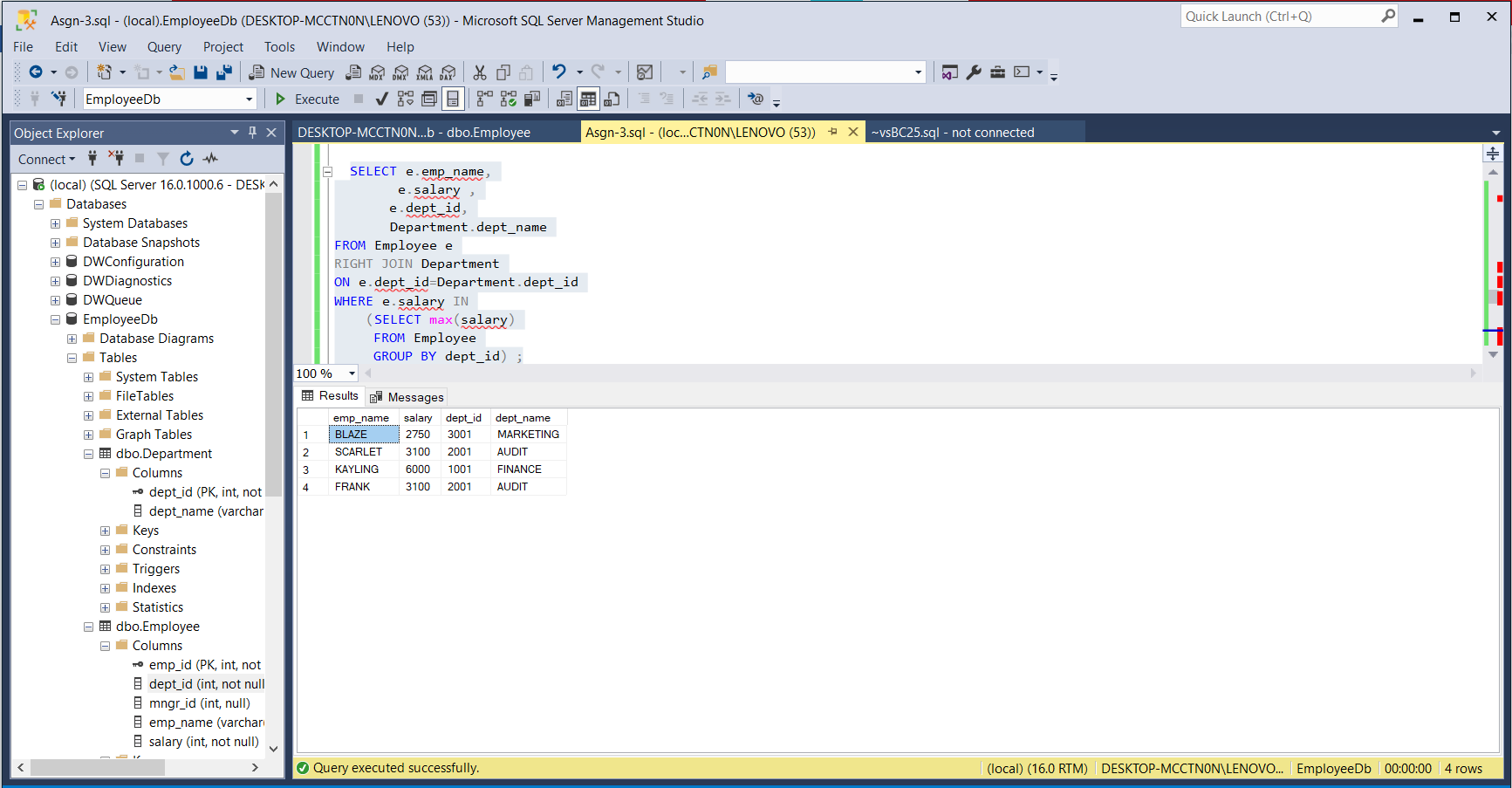
ON e.dept\_id=Department.dept\_id

WHERE e.salary IN

(SELECT max(salary)

FROM Employee

GROUP BY dept\_id) ;

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1. **write a SQL query to find Departments that have less than 3 people in it**

SELECT count(Employee.emp\_id) AS Number\_of\_people , Department.dept\_name

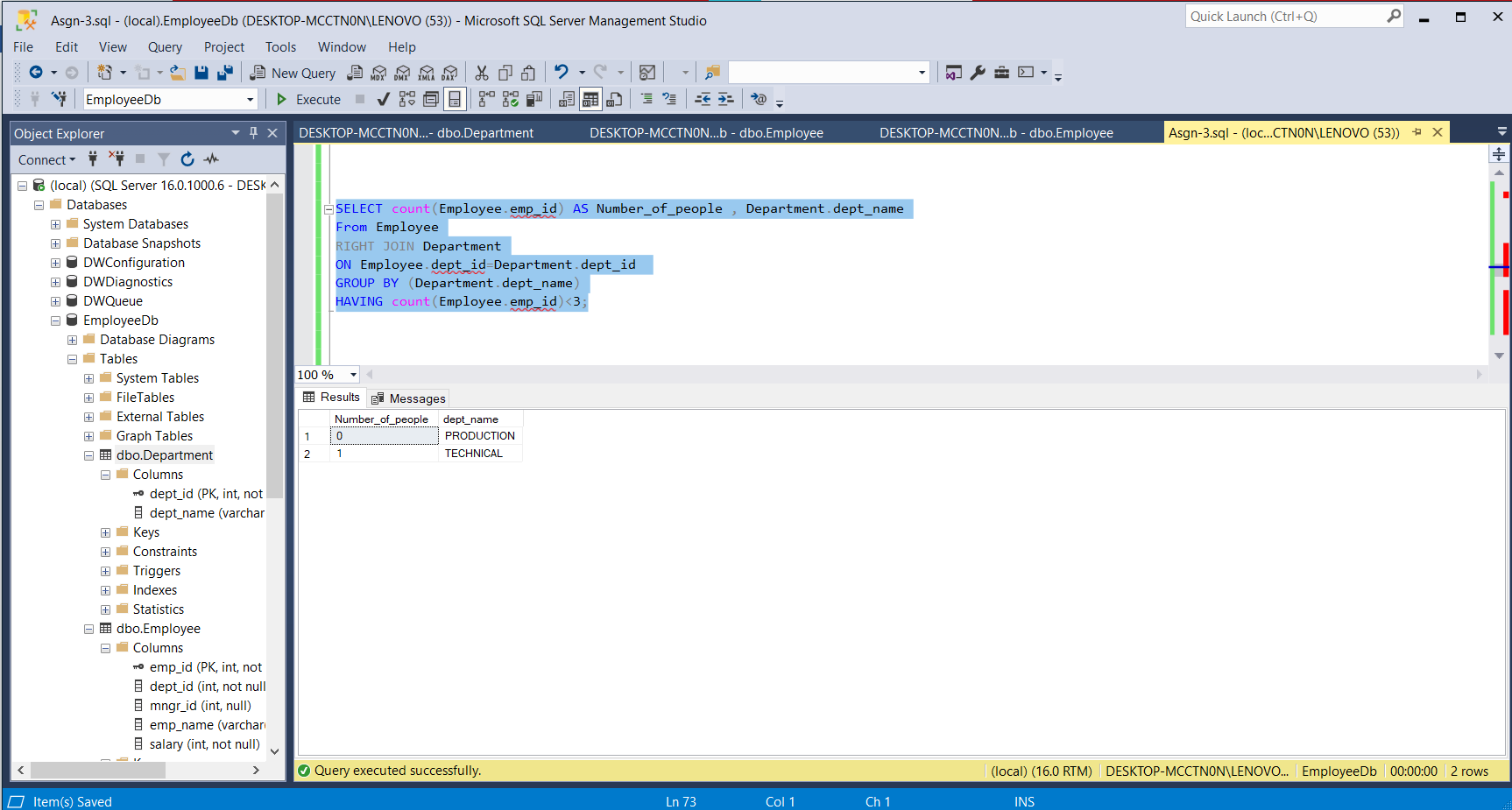
From Employee

RIGHT JOIN Department

ON Employee.dept\_id=Department.dept\_id

GROUP BY (Department.dept\_name)

HAVING count(Employee.emp\_id)<3;

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1. **write a SQL query to find All Department along with the number of people there**

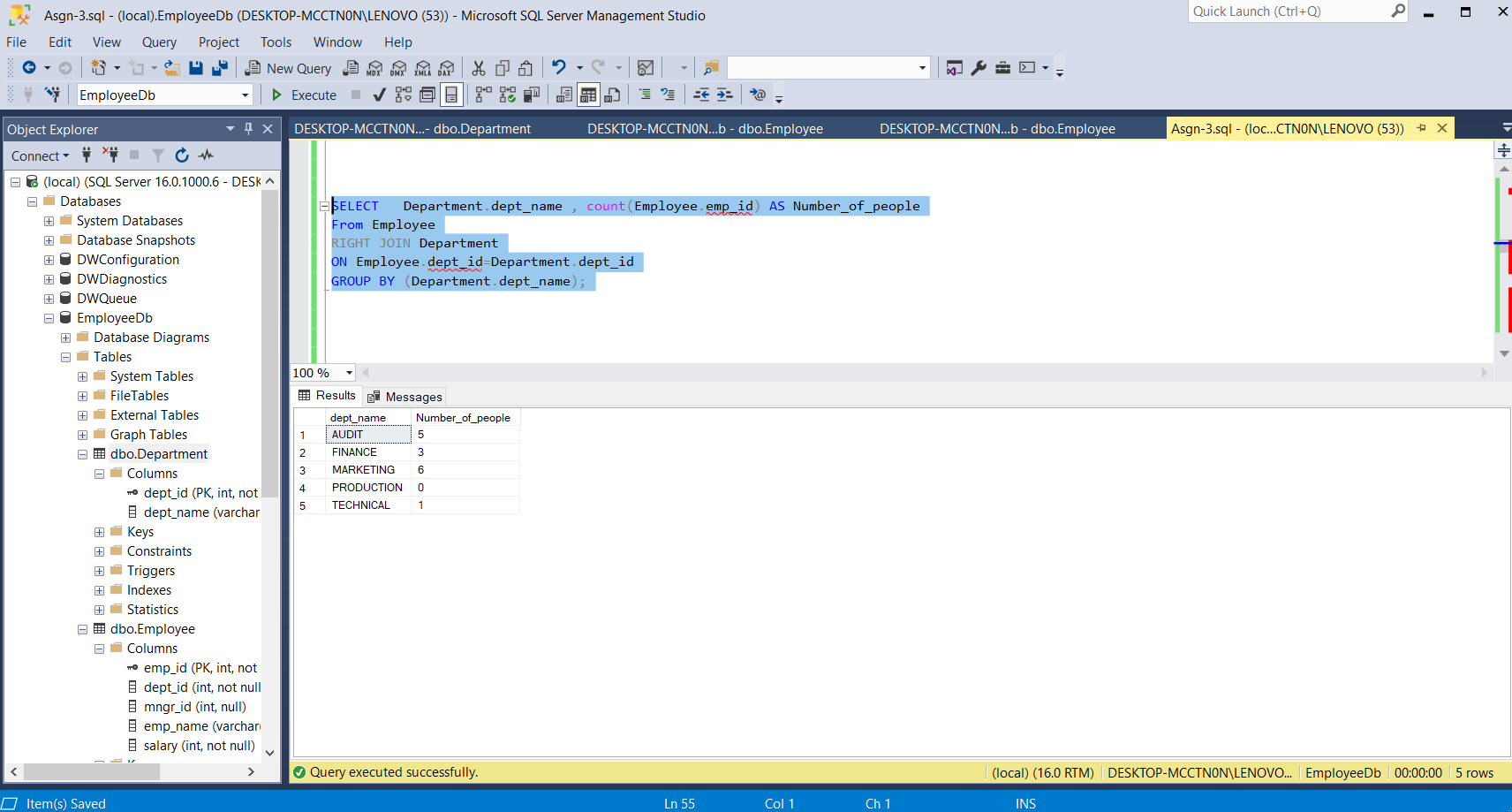
SELECT Department.dept\_name , count(Employee.emp\_id) AS Number\_of\_people

From Employee

RIGHT JOIN Department

ON Employee.dept\_id=Department.dept\_id

GROUP BY (Department.dept\_name);

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1. **write a SQL query to find All Department along with the total salary there**

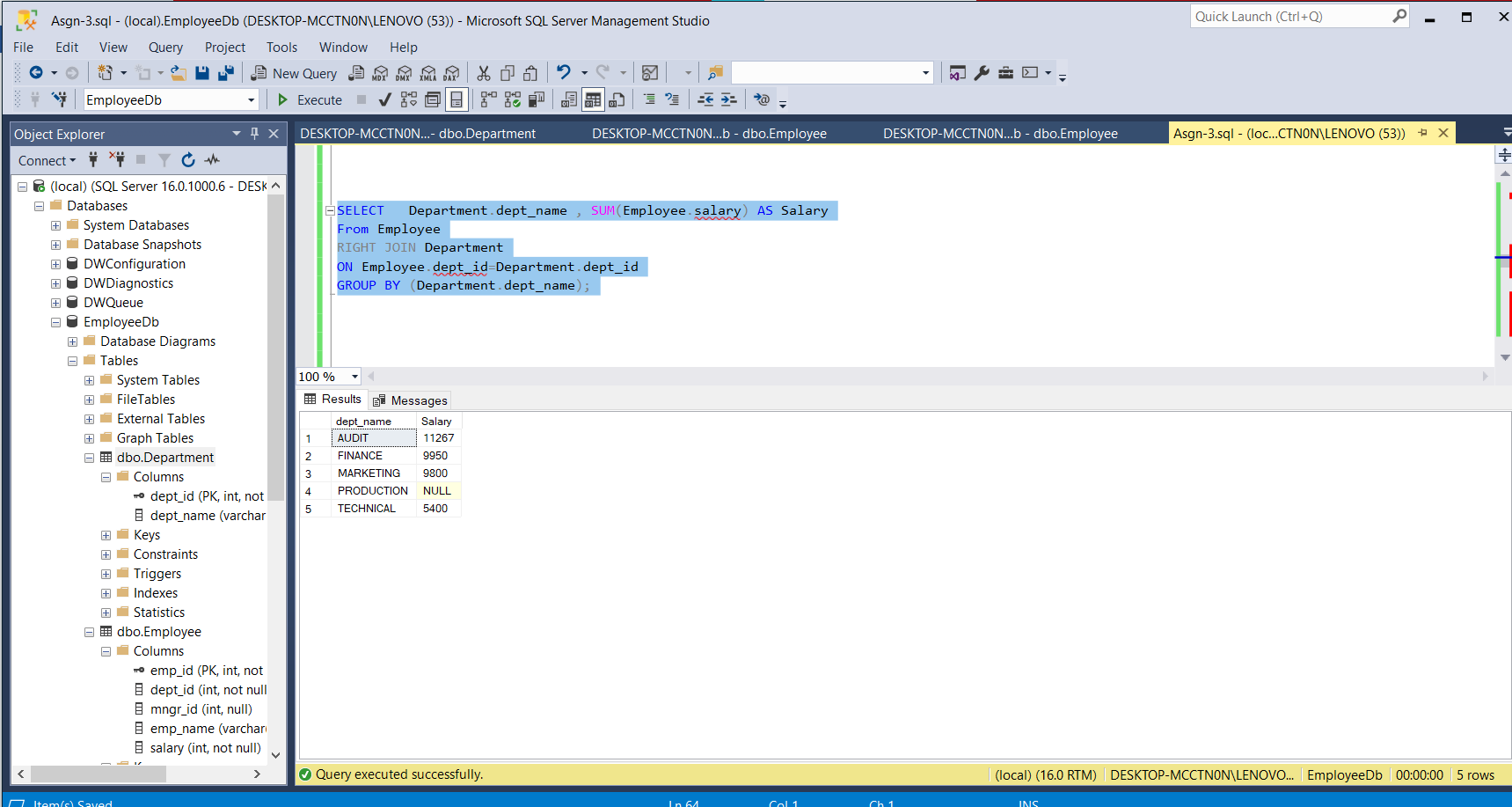
SELECT Department.dept\_name , SUM(Employee.salary) AS Salary

From Employee

RIGHT JOIN Department

ON Employee.dept\_id=Department.dept\_id

GROUP BY (Department.dept\_name);

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