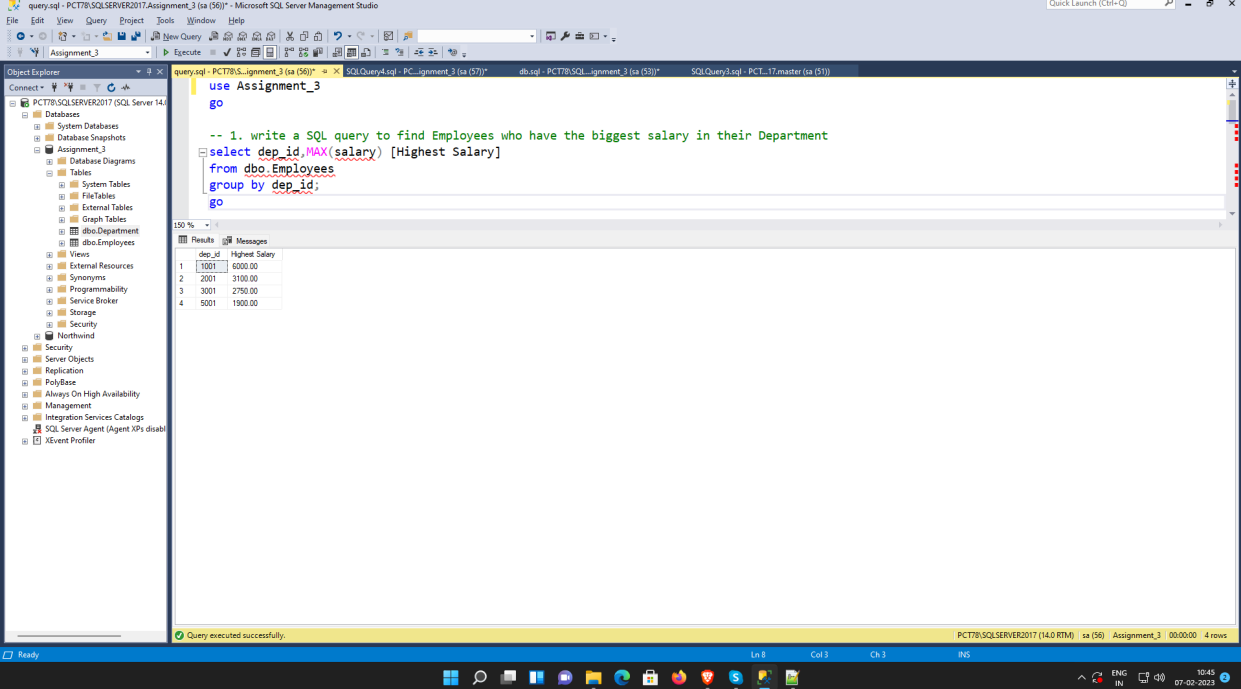


Assignment-3

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



The screenshot shows the Microsoft SQL Server Management Studio interface. The query editor contains the following SQL code:

```
use Assignment_3
go

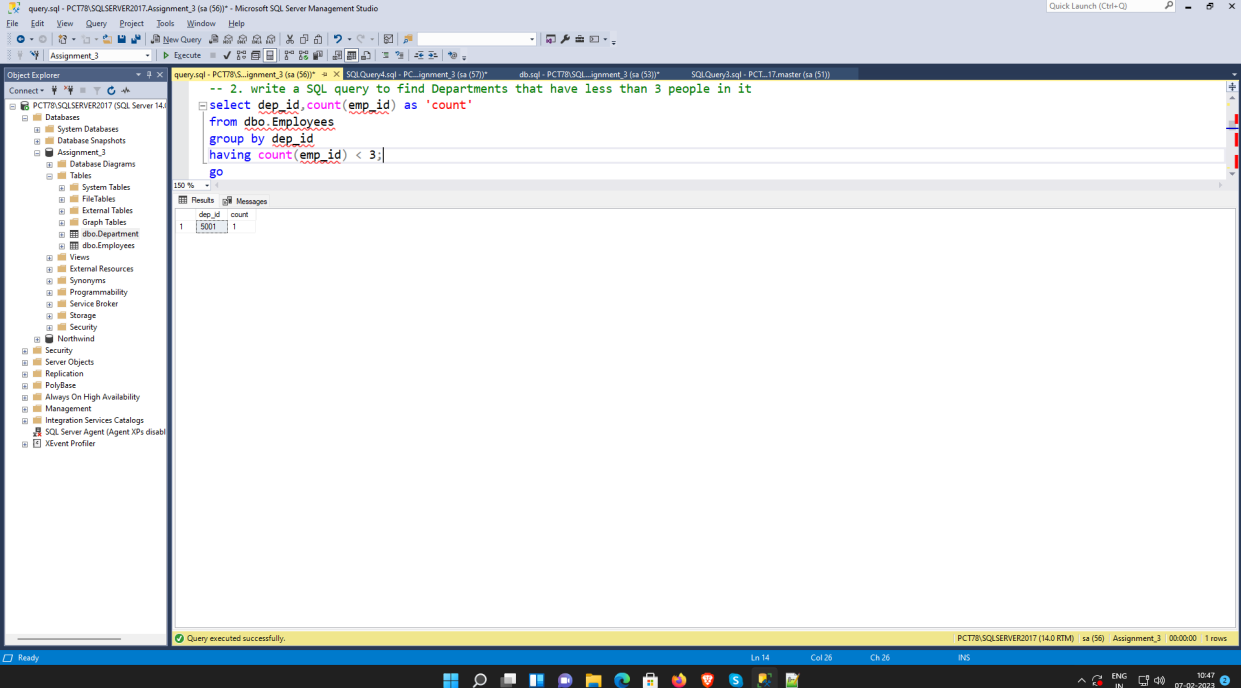
-- 1. write a SQL query to find Employees who have the biggest salary in their Department
select dep_id, MAX(salary) [Highest Salary]
from dbo.Employees
group by dep_id;
go
```

The Results pane displays the output of the query:

dep_id	Highest Salary
1001	6000.00
2001	3100.00
3001	2750.00
5001	1900.00

The status bar at the bottom indicates "Query executed successfully." and "4 rows".

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



The screenshot shows the Microsoft SQL Server Management Studio interface. The query editor contains the following SQL code:

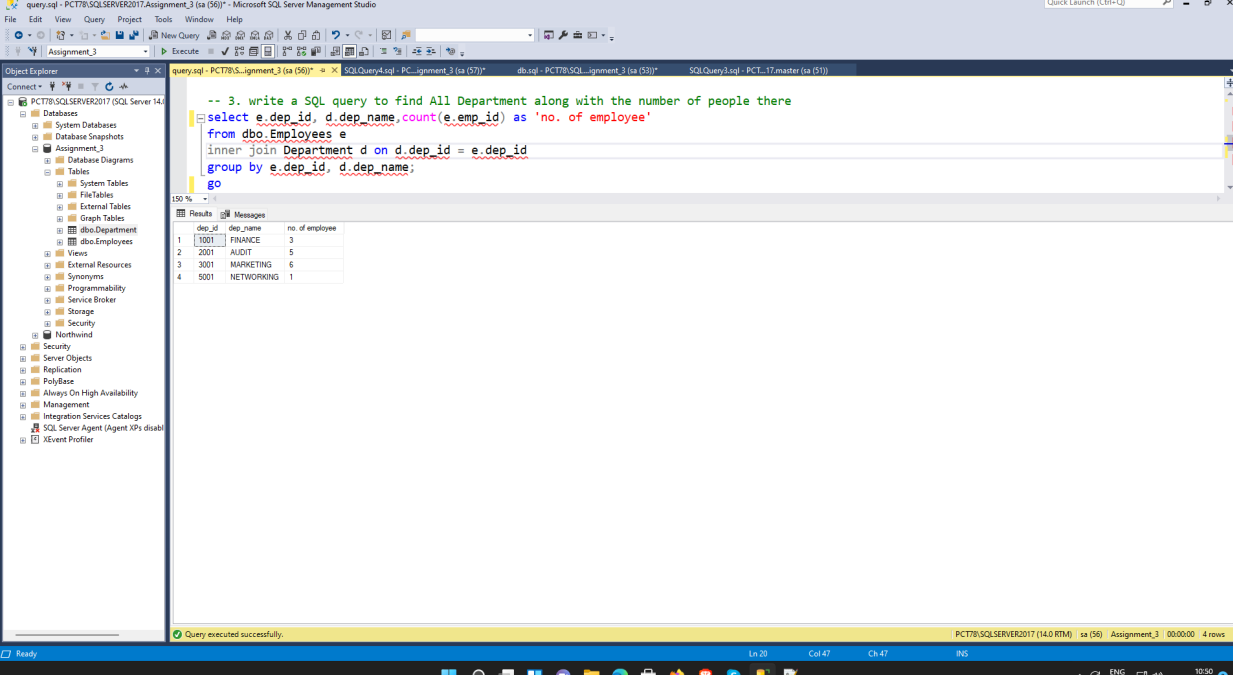
```
-- 2. write a SQL query to find Departments that have less than 3 people in it
select dep_id, count(emp_id) as 'count'
from dbo.Employees
group by dep_id
having count(emp_id) < 3;
go
```

The Results pane displays the output of the query:

dep_id	count
5001	1

The status bar at the bottom indicates "Query executed successfully." and "1 rows".

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



The screenshot shows the Microsoft SQL Server Management Studio interface. The query editor contains the following SQL code:

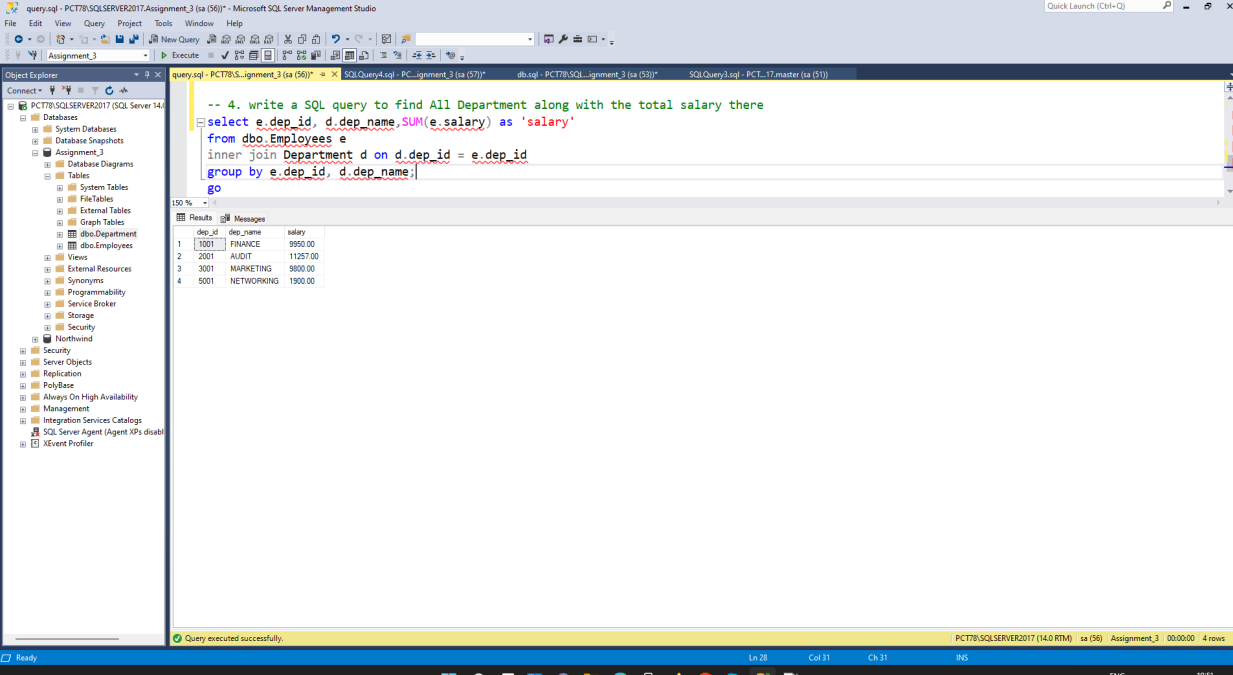
```
-- 3. write a SQL query to find All Department along with the number of people there
select e.dep_id, d.dep_name, count(e.emp_id) as 'no. of employee'
from dbo.Employees e
inner join Department d on d.dep_id = e.dep_id
group by e.dep_id, d.dep_name;
go
```

The Results pane displays the following data:

dep_id	dep_name	no. of employee
1001	FINANCE	3
2001	AUDIT	5
3001	MARKETING	6
5001	NETWORKING	1

The status bar at the bottom indicates "Query executed successfully." and "PCT78-SQLSERVER2017 (14.0 RTM) | sa (56) | Assignment_3 | 00:00:00 | 4 rows".

-- 4. write a SQL query to find All Department along with the total salary there



The screenshot shows the Microsoft SQL Server Management Studio interface. The query editor contains the following SQL code:

```
-- 4. write a SQL query to find All Department along with the total salary there
select e.dep_id, d.dep_name, SUM(e.salary) as 'salary'
from dbo.Employees e
inner join Department d on d.dep_id = e.dep_id
group by e.dep_id, d.dep_name;
go
```

The Results pane displays the following data:

dep_id	dep_name	salary
1001	FINANCE	9950.00
2001	AUDIT	11357.00
3001	MARKETING	9800.00
5001	NETWORKING	1900.00

The status bar at the bottom indicates "Query executed successfully." and "PCT78-SQLSERVER2017 (14.0 RTM) | sa (56) | Assignment_3 | 00:00:00 | 4 rows".