

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

create view max\_sal\_emp as

select employee.dept\_id, max(employee.salary) as max\_sal

from employee join department

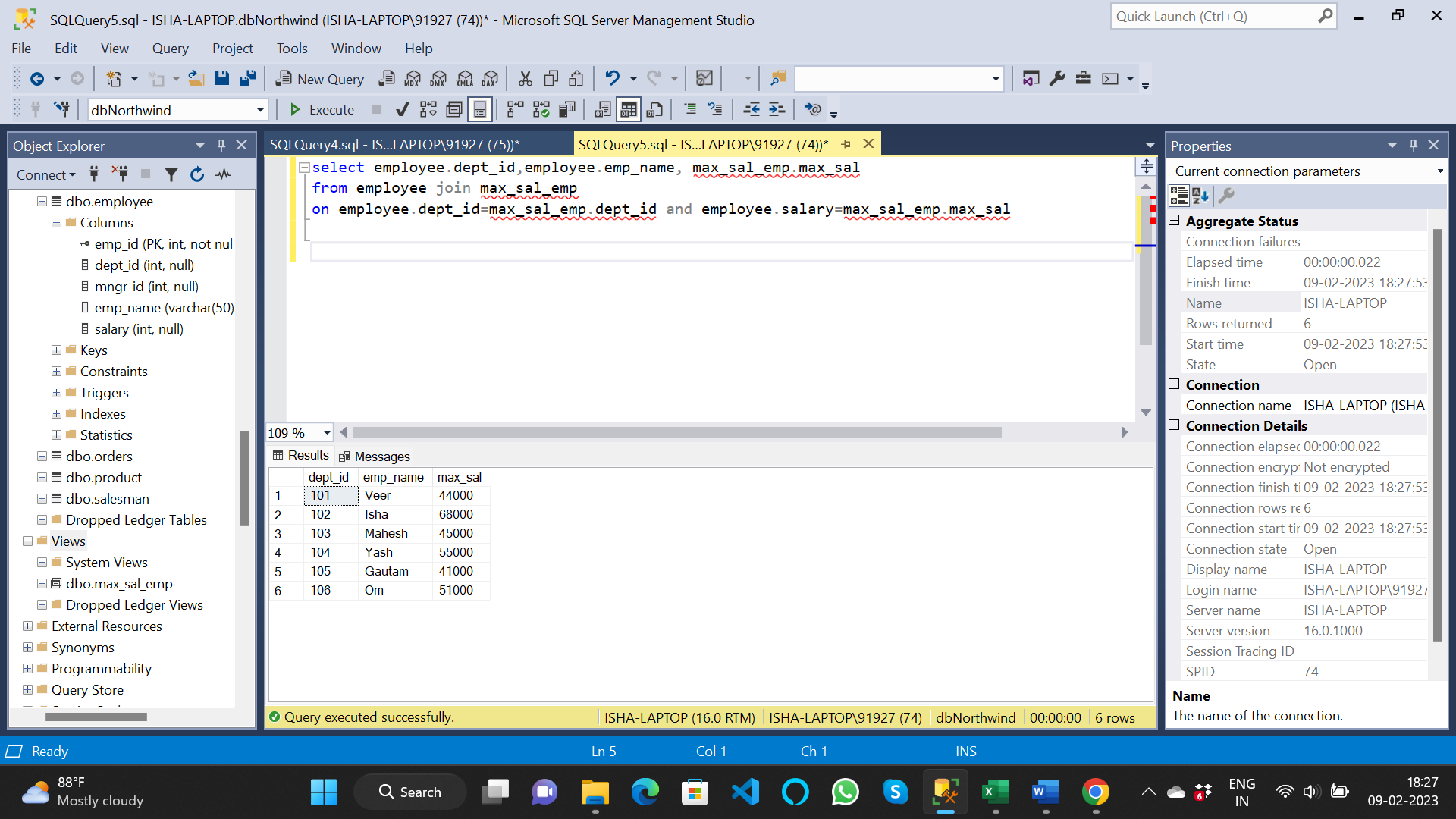
on department.dept\_id=employee.dept\_id

group by employee.dept\_id

select employee.dept\_id,employee.emp\_name, max\_sal\_emp.max\_sal

from employee join max\_sal\_emp

on employee.dept\_id=max\_sal\_emp.dept\_id and employee.salary=max\_sal\_emp.max\_sal

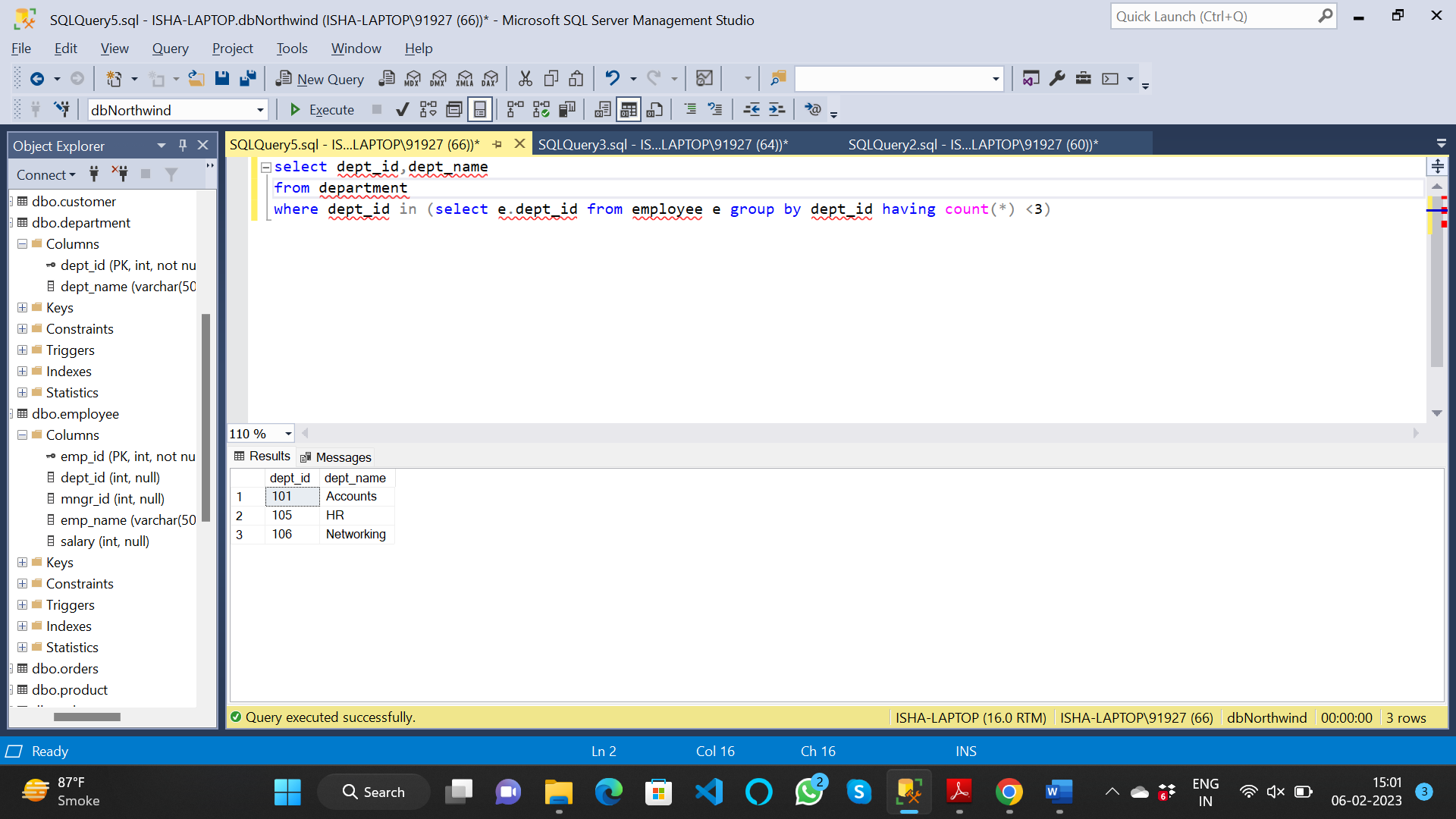


2. write a SQL query to find Departments that have less than 3 people in it

select dept\_id,dept\_name

from department

where dept\_id in (select e.dept\_id from employee e group by dept\_id having count(\*)<3)



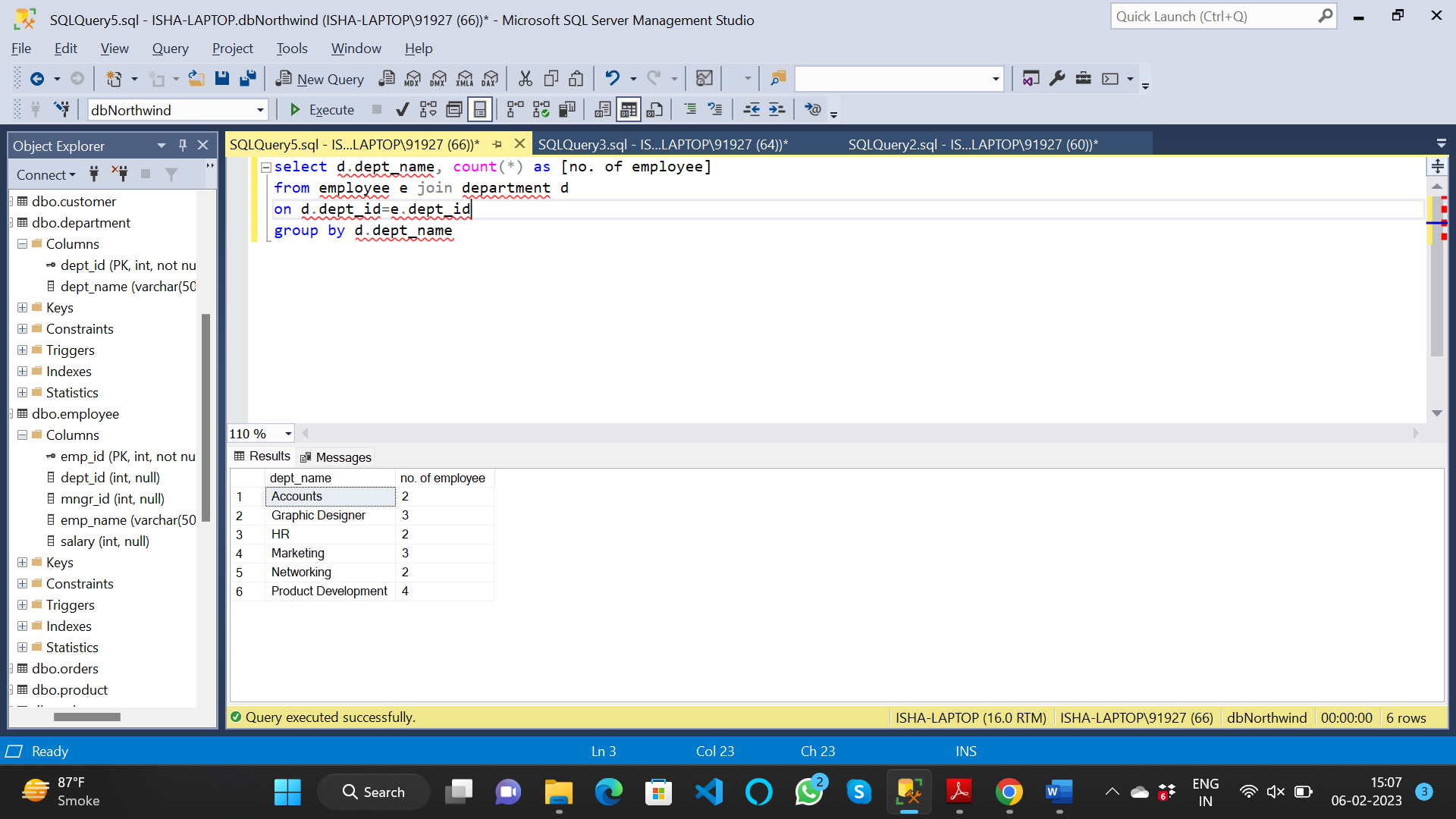
3. write a SQL query to find All Department along with the number of people there

select d.dept\_name, count(\*) as [no. of employee]

from employee e join department d

on d.dept\_id=e.dept\_id

group by d.dept\_name



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

select d.dept\_name, sum(e.salary) as [no. of employee]

from employee e join department d

on d.dept\_id=e.dept\_id

group by d.dept\_name

