

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

with w1 as (

select rank() over (partition by dept\_id order by Salary desc) rank,

dept\_id,

emp\_name,

Salary

from Employee)

select d.dept\_name as "Department",

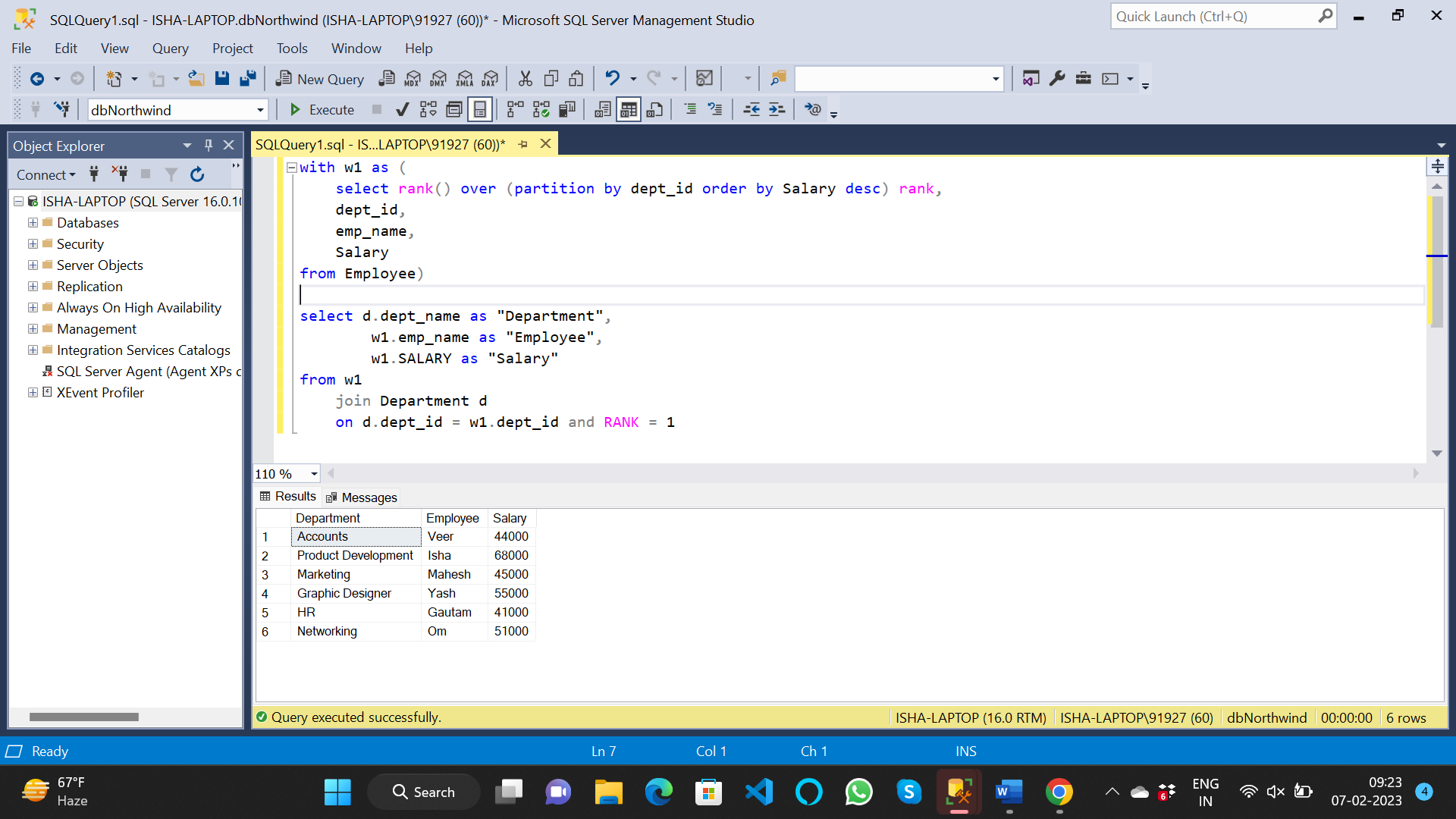
w1.emp\_name as "Employee",

w1.SALARY as "Salary"

from w1

join Department d

on d.dept\_id = w1.dept\_id and RANK = 1

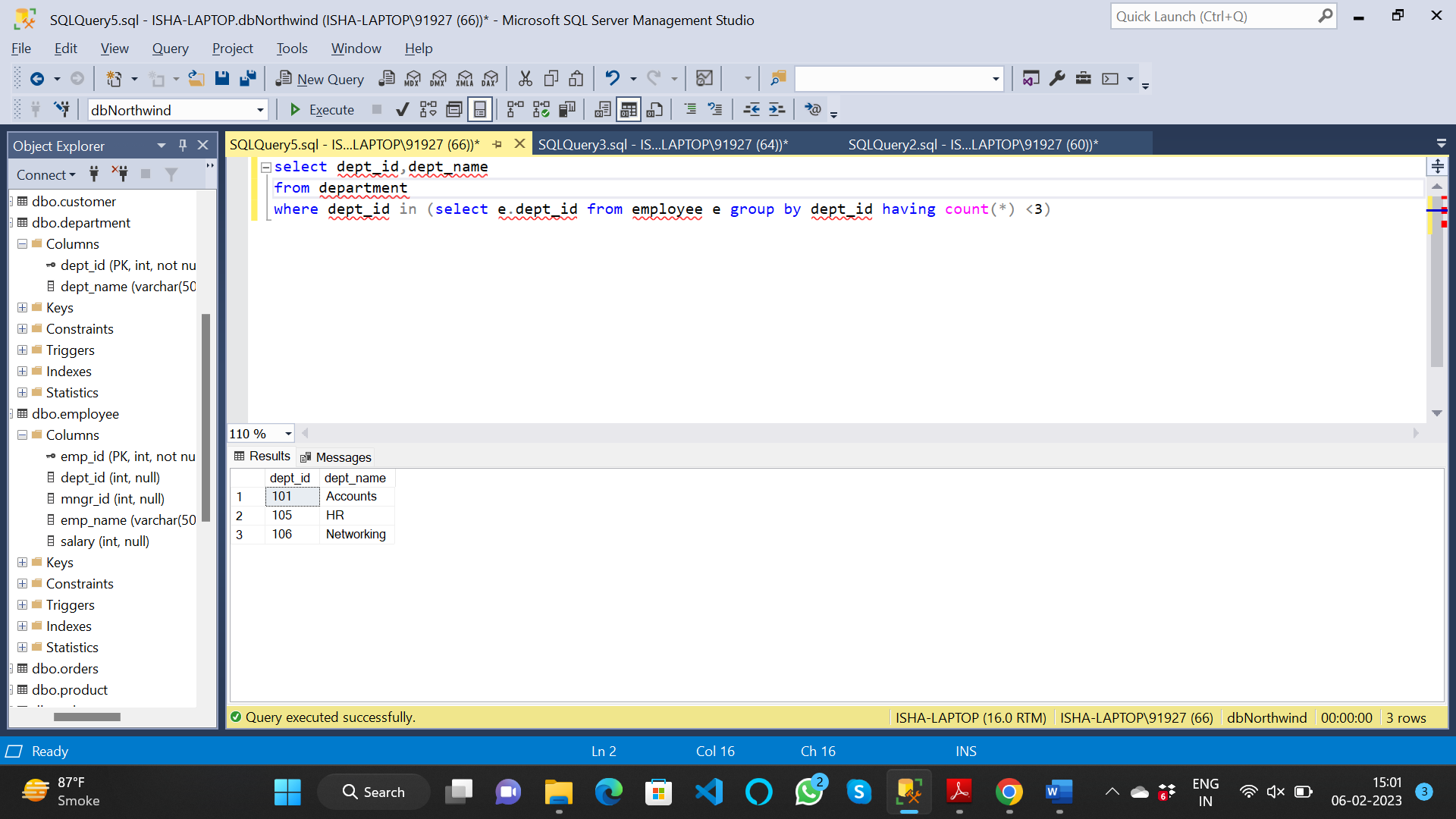


2. write a SQL query to find Departments that have less than 3 people in it

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)



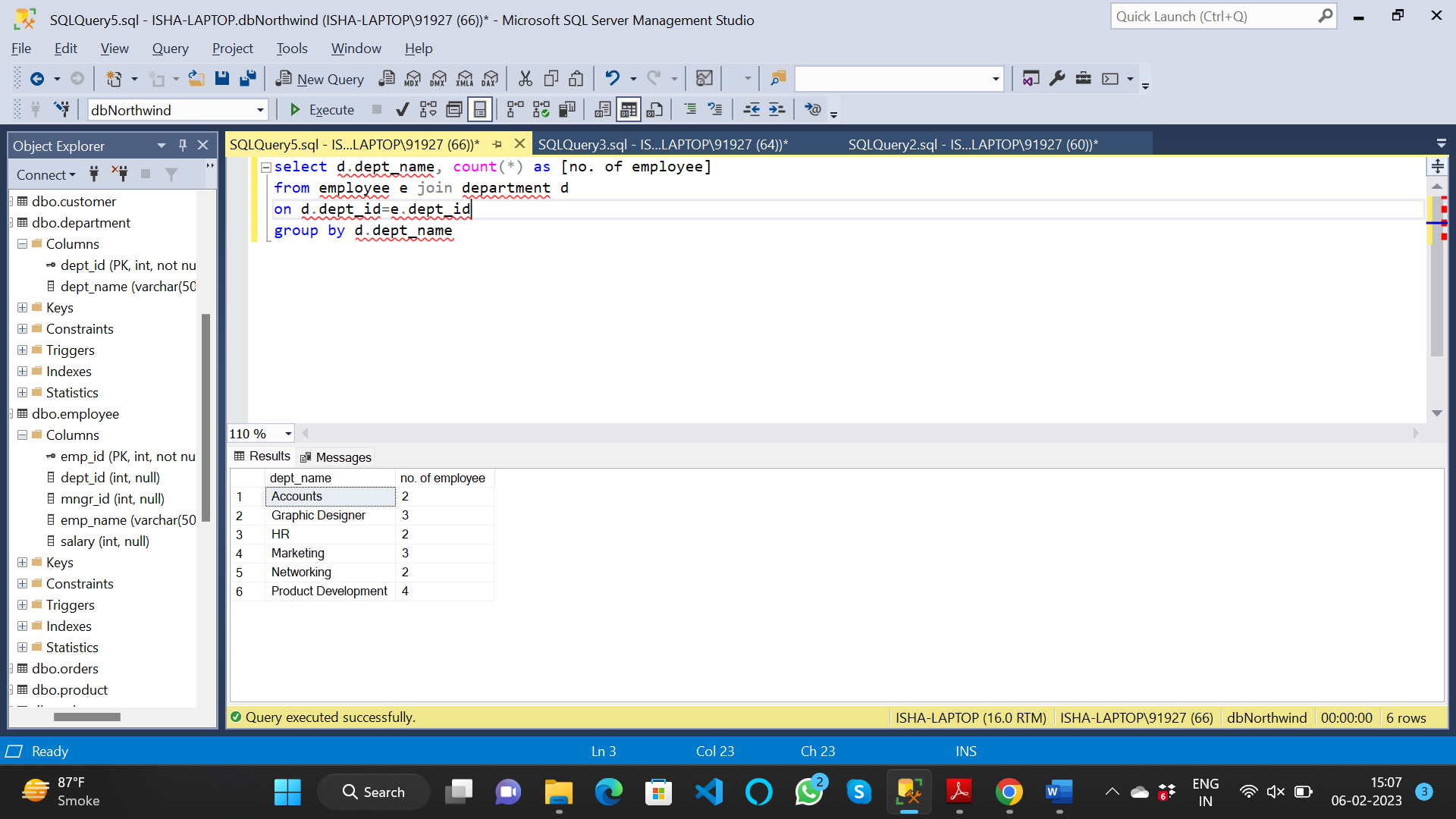
3. write a SQL query to find All Department along with the number of people there

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

