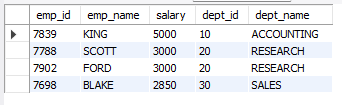
MySQL Assignment - 3

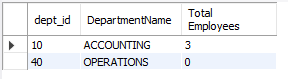
1. write a SQL query to find Employees who have the biggest salary in their Department

##### select e.emp\_id, e.emp\_name, e.salary, e.dept\_id, d.dept\_name from employee e inner join department d on e.dept\_id=d.dept\_id,( select max(salary) mx\_salary, dept\_id from employee group by dept\_id) k where e.salary=k.mx\_salary and e.dept\_id=k.dept\_id order by dept\_id ;



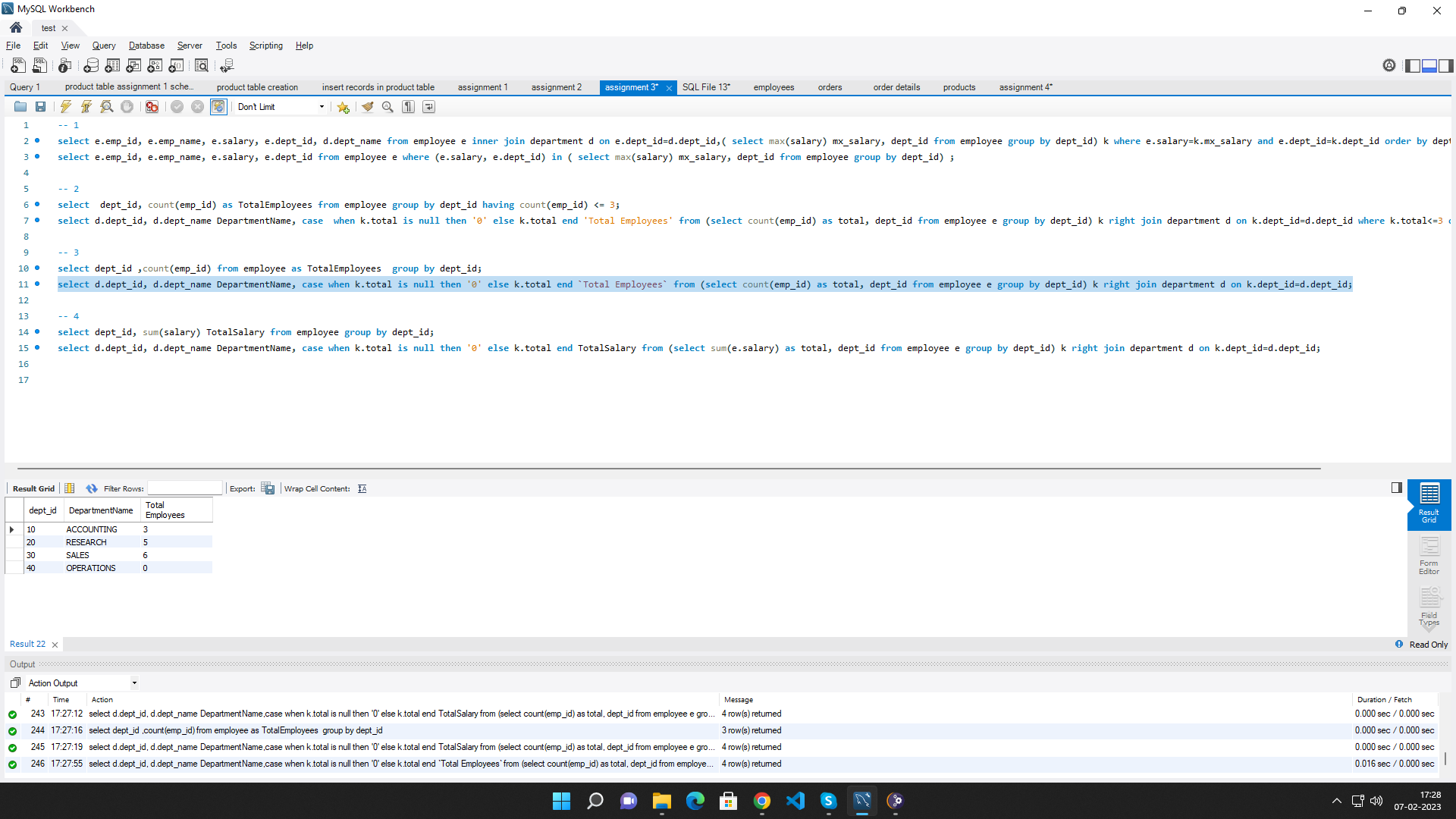
2.write a SQL query to find Departments that have less than 3 people in it

##### select d.dept\_id, d.dept\_name DepartmentName, case when k.total is null then '0' else k.total end 'Total Employees' from (select count(emp\_id) as total, dept\_id from employee e group by dept\_id) k right join department d on k.dept\_id=d.dept\_id where k.total<=3 or k.total is null;



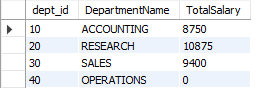
3. write a SQL query to find All Department along with the number of people there

##### select d.dept\_id, d.dept\_name DepartmentName, case when k.total is null then '0' else k.total end `Total Employees` from (select count(emp\_id) as total, dept\_id from employee e group by dept\_id) k right join department d on k.dept\_id=d.dept\_id;



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

##### select d.dept\_id, d.dept\_name DepartmentName, case when k.total is null then '0' else k.total end TotalSalary from (select sum(e.salary) as total, dept\_id from employee e group by dept\_id) k right join department d on k.dept\_id=d.dept\_id;



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