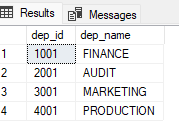
Assignment 3 : Retrieve data using Group By clause

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Sample table1:Department

-dept\_id

-dept\_name



Sample table2: Employee

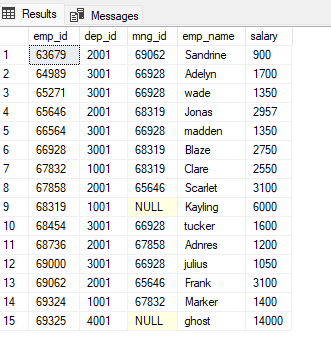
-emp\_id

-dept\_id

-mngr\_id

-emp\_name

-salary

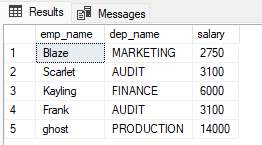


1. write a SQL query to find Employees who have the biggest salary in their Department

--Query1

select e.emp\_name, d.dep\_name, e.salary from employee as e left join department as d on e.dep\_id=d.dep\_id where e.salary in (select max(salary) from employee group by dep\_id);

Output:

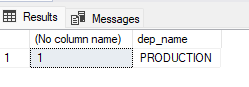


2. write a SQL query to find Departments that have less than 3 people in it

--Query2

select Count(e.dep\_id), d.dep\_name from employee e left join department d on e.dep\_id=d.dep\_id group by d.dep\_name having count(e.dep\_id)<3

Output:

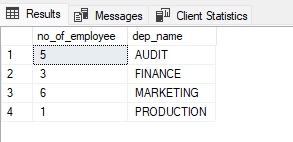


3. write a SQL query to find All Department along with the number of people there

--Query3

select Count(e.emp\_name) as no\_of\_employee, d.dep\_name from employee e left join department d on e.dep\_id=d.dep\_id group by d.dep\_name

Output:



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

--Query4

select sum(e.salary) as total\_salary, d.dep\_name from employee e left join department d on e.dep\_id=d.dep\_id group by d.dep\_name

