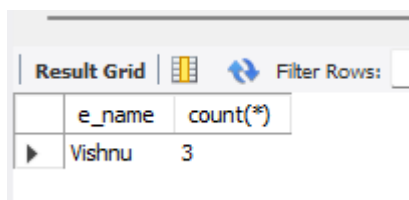WEEK 6

EMPLOYEE DATABASE -Additional queries

QUERY 1

List the name of the managers with maximum number of employees.

select e.e_name,count(*) from employee w, employee e

where w.mgr_no=e.emp_no

group by e.e_name

having count(*)=(select max(mycount) from

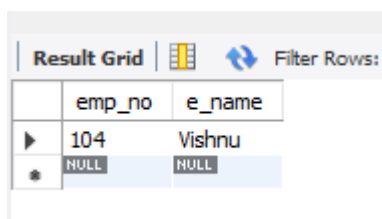(select count(*) mycount from employee

group by mgr_no)a);

e_name	count(*)
▶ Vishnu	3

QUERY 2

Display those managers name whose salary is more than average salary of his employee.

select emp_no,e_name from employee e1

 where e1.sal>(select avg(sal) from employee e2

 where e2.mgr_no=e1.emp_no);

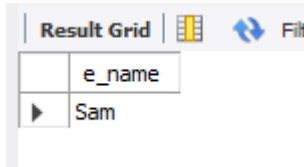| emp_no	e_name
▶ 104	Vishnu
* NULL	NULL

QUERY 3

Find the name of the second top level manager of each department.

insert into employee values(111,'ken',102,'2008-07-10',6000,1);

 select e_name from employee e1

where sal=(select max(sal) from employee e2

 where e1.dept_no=e2.dept_no and e2.sal not in(select max(sal) from employee e3 where e3.dept_no=e1.dept_no)) and exists(select emp_no from employee e4 where e4.mgr_no=e1.emp_no);
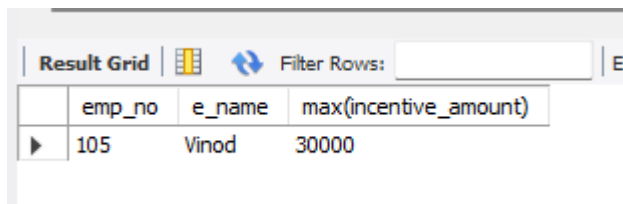
e_name
Sam

QUERY 4

Find the employee details who got second maximum incentive in January 2019.

insert into incentives values(105,'2019-06-03',30000),(110,'2019-07-08',35000);

select e.emp_no,e.e_name,max(incentive_amount) from employee e, incentives i where e.emp_no=i.emp_no and incentive_amount!=(select max(incentive_amount) from incentives)
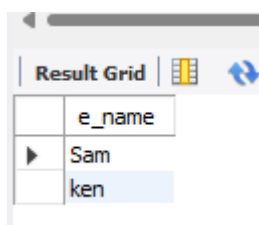
 and incentive_date like '2019%';

emp_no	e_name	max(incentive_amount)
105	Vinod	30000

QUERY 5

Display the employees who are working in the same department where his manager is working.

select e_name from employee e where e.dept_no=(select dept_no from employee e2 where e2.emp_no=e.mgr_no);

e_name
Sam
ken