

6. More Queries on Employee Database

PROGRAM 6: More Queries on Employee Database

- i. Using Scheme diagram (under Program-5), Create tables by properly specifying the primary keys and the foreign keys.
- ii. Enter greater than five tuples for each table.
- iii. List the name of the managers with the maximum employees.
- iv. Display those managers name whose salary is more than average salary of his employee.
- v. Find the name of the second top level managers of each department.
- vi. Find the employee details who got second maximum incentive in January 2019.
- vii. Display those employees who are working in the same department where his manager is working.

Queries:

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

```
select ename from employee
group by mgr_no
having count(empno) =
(select max(y.num) from
(select count(empno) as num from employee group by mgr_no) y);
```

ename
Kruthin

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

```
select ename from
employee e1 where
sal > (select avg(sal) from
employee e2 where e1.mgr_no = e2.mgr_no);
```

ename
Kruthin
Samraat

v. Find the name of the second top level managers of each department.

```
select ename from employee where empno in(select distinct mgr_no
from employee where empno in
(select distinct mgr_no from employee where empno in
(select distinct mgr_no from employee)));
```

ename
Kruthin

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

```
select e.empno, ename, mgr_no,
hiredate, sal, deptno, max(i.incentive_amount) as incentive from employee e, incentives i
where e.empno = i.empno
and i.incentive_amount != (select max(incentive_amount) from incentives) and i.incentive_date like '2019-01%';
```

empno	ename	mgr_no	hiredate	sal	deptno	incentive
235	Kevin	232	2024-04-19	13000	1004	5000

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

```
select e2.ename from employee e1, employee e2 where e1.empno=e2.mgr_no and e1.deptno=e2.deptno;
```

ename
Kruthin
Shlok
Sanjana