

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.
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 e1.ename`

```
from employee e1, employee e2 where e1.empno=e2.mgr_no group by e1.ename
having count(e1.mgr_no)=(select count(e1.ename) from employee e1, employee
e2 where e1.empno=e2.mgr_no group by e1.ename order by count(e1.ename) desc
limit 1);
```

ename
Farhaan

- iv. Display those managers name whose salary is more than average salary of his employee .
`select m.ename from employee m where m.empno in`
`(select mgr_no from employee)`
`and m.sal>(select avg(n.sal) from employee n`
`where n.mgr_no=m.empno);`

ename
Sakshi
Nishith

- 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
Prannay
Sanika
Sakshi

- vi. Find the employee details who got second maximum incentive in January 2019.
`select * from employee where empno= (select i.empno from incentives i where`
`i.incentive_amount= (select max(n.incentive_amount) from incentives n where`
`n.incentive_amount<(select max(inc.incentive_amount) from incentives inc where`
`inc.incentive_date between '2019-01-01' and '2019-12-31') and incentive_date between '2019-`
`01-01' and '2019-12-31'));`

empno	ename	mgr_no	hiredate	sal	deptno
NULL	NULL	NULL	NULL	NULL	NULL