TABLES:

Department:

	deptno	dname	dloc
١	1	finance	delhi
	2	it	bangalore
	3	marketing	hyderabad
	4	logistics	telangana
	5	RandD	kerala
	6	development	mumbai
	NULL	NULL	NULL

Employee:

	empno	ename	mgr_no	hiredate	sal	deptno
•	1	avinash	5	2022-12-01	30000	3
	2	dinesh	5	2022-09-16	90000	2
	3	balaji	7	2020-01-29	50000	1
	4	nikil	8	2021-06-11	20000	4
	5	ravi	6	2018-07-23	80000	2
	6	ganesh	7	2014-10-11	55000	6
	7	ram	7	2014-08-08	99000	2
	8	shivani	NULL	2020-08-09	70000	2
	HULL	NULL	NULL	NULL	NULL	NULL

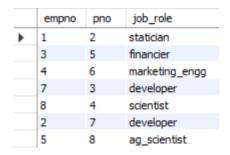
Incentives:

	empno	incentive_date	incentive_amount
•	7	2016-03-30	10000
	6	2019-01-06	20000
	5	2019-01-10	20000
	4	2019-01-19	18000
	3	2019-01-23	15000
	8	2021-04-08	21000
	1	2023-05-09	10000
	2	2023-12-27	22500
	NULL	NULL	HULL

Project:

	pno	ploc	pname
١	1	bangalore	govt_apps
	2	hyderabad	pop_stats
	3	mysuru	onlineWebsite
	4	delhi	covidChar
	5	bangalore	finManModel
	6	mumbai	goods_marketing
	7	mysuru	hostel_website
	8	kerala	soil_enrichment
	HULL	NULL	NULL

assigned_to:



Queries:

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);
```

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

SELECT m.ename

ram

FROM employee m

WHERE m.empno IN

(SELECT mgr_no

FROM employee)

AND m.sal >

(SELECT avg(e.sal)

FROM employee e

WHERE e.mgr_no = m.empno);



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)));



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

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



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;

