WEEK – 6

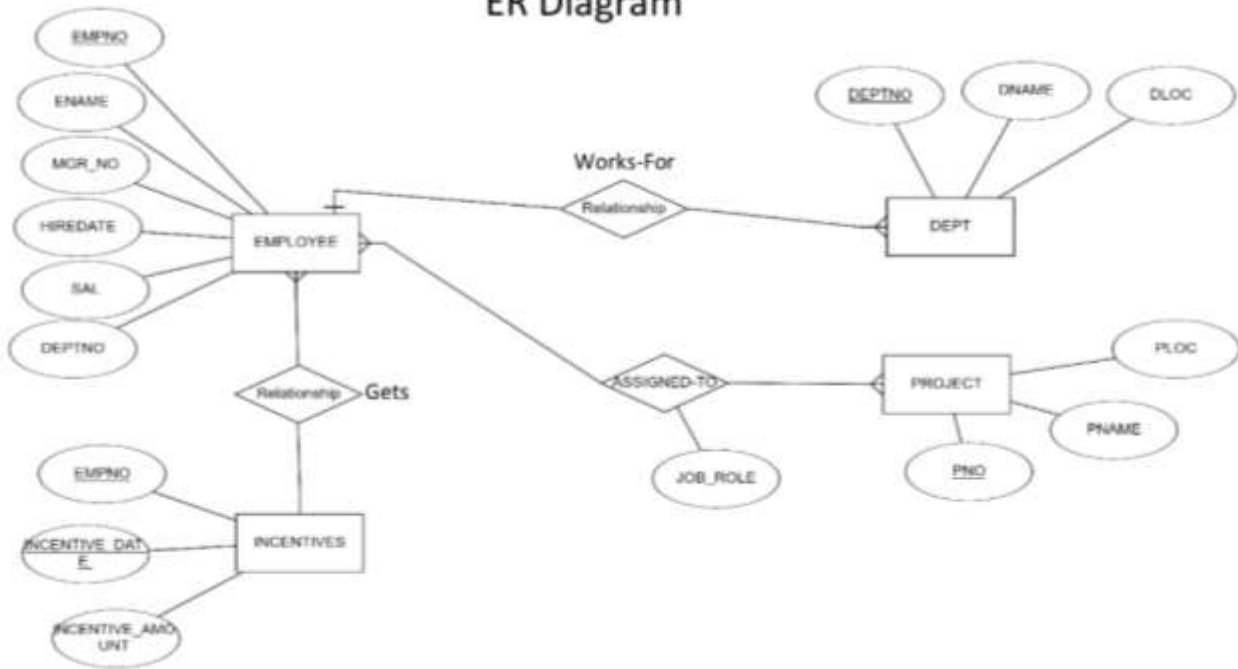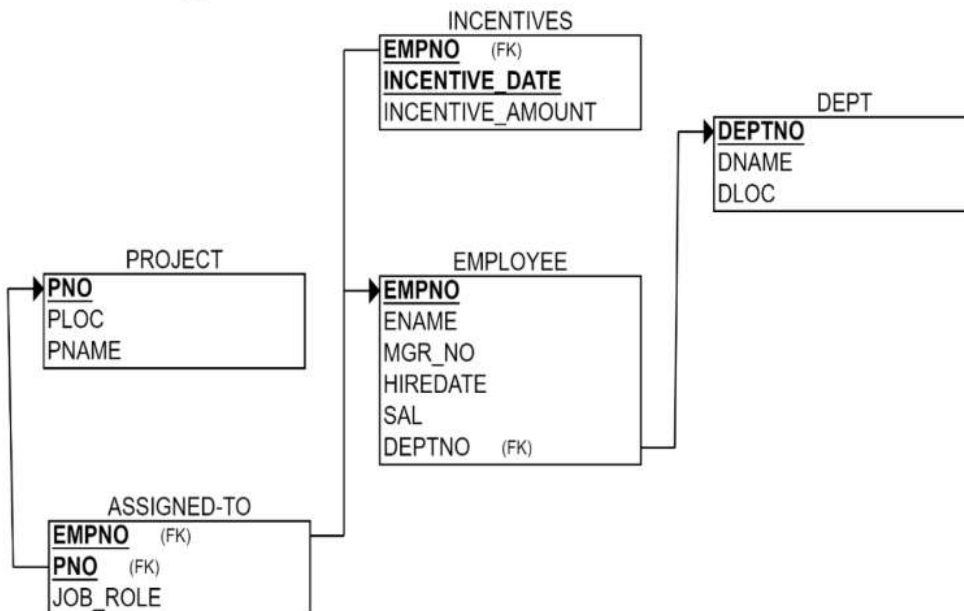## More Queries on Employee Database

ER Diagram

Schema Diagram

vi. Using Scheme diagram (under Program-5), Create tables by properly specifying the primary keys and the foreign keys.

vii. Enter greater than five tuples for each table.

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

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

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

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

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

List the name of the managers with the maximum employees

```
SELECT e.ename AS manager_name
FROM employee e
WHERE e.empno IN (
        SELECT mgr_no
        FROM employee
        WHERE mgr_no IS NOT NULL
        GROUP BY mgr_no
        HAVING COUNT(*) = (
            SELECT MAX(emp_count)
            FROM (
                SELECT COUNT(*) AS emp_count
                FROM employee
                WHERE mgr_no IS NOT NULL
                GROUP BY mgr_no
            ) temp
        )
);
```

manager_name
Arjun
Bhavna

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

```sql
SELECT m.ename AS manager_name
FROM employee e
JOIN employee m ON e.mgr_no = m.empno
GROUP BY m.empno, m.ename, m.sal
HAVING m.sal > AVG(e.sal);
```

	manager_name
▶	Bhavna
	Deepa

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

```sql
select e.ename from employee e
join employee t on e.mgr_no = t.empno
where t.mgr_no = 0;
```

	ename
▶	Bhavna
	Deepa

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

```sql
select e.ename from employee e
join incentives i on e.empno=i.empno
where i.intcentive_amount = ( select max(intcentive_amount) from incentives
where intcentive_amount <(select max(intcentive_amount) from incentives) );
```

	ename
▶	Arjun

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

```
select e.ename from employee e
join employee m on e.mgr_no = m.empno
where e.deptno = m.deptno;
```

	ename
▶	Deepa