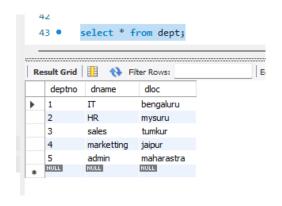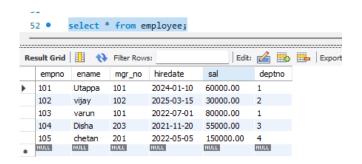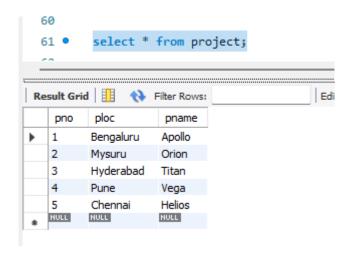# DBMS WEEK 4

i. Using Scheme diagram, Create tables by properly specifying the primary keys and the foreign

keys.
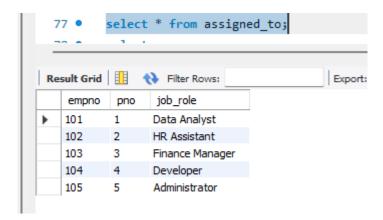
ii. Enter greater than five tuples for each table.

```
42
43 •    select * from dept;
```

Result Grid | Filter Rows: | E

deptno	dname	dloc
1	IT	bengaluru
2	HR	mysuru
3	sales	tumkur
4	marketting	jaipur
5	admin	maharastra
NULL	NULL	NULL

```
52 •    select * from employee;
```

Result Grid | Filter Rows: | Edit: | Export

empno	ename	mgr_no	hiredate	sal	deptno
101	Utappa	101	2024-01-10	60000.00	1
102	vijay	102	2025-03-15	30000.00	2
103	varun	101	2022-07-01	80000.00	1
104	Disha	203	2021-11-20	55000.00	3
105	chetan	201	2022-05-05	150000.00	4
NULL	NULL	NULL	NULL	NULL	NULL

```
60
61 •    select * from project;
```

Result Grid | Filter Rows: | Edi

pno	ploc	pname
1	Bengaluru	Apollo
2	Mysuru	Orion
3	Hyderabad	Titan
4	Pune	Vega
5	Chennai	Helios
NULL	NULL	NULL

```
77  •    select * from assigned_to;
```

empno	pno	job_role
101	1	Data Analyst
102	2	HR Assistant
103	3	Finance Manager
104	4	Developer
105	5	Administrator

iv. Get Employee ID's of those employees who didn't receive incentives

```
78  •    select a.empno
79       from assigned_to a, project p
80       where a.pno=p.pno and p.ploc in ('bengaluru','mysuru');
```

empno
101
102

iv. Get Employee ID's of those employees who didn't receive incentives

```
82  •    select e.empno
83       from employee e
84       where empno not in (select i.empno from incentives i);
```

empno
NULL

v. Write a SQL query to find the employees name, number, dept, job_role, department location

and project location who are working for a project location same as his/her department

location.

```sql
select e.empno,e.ename,
   d.dname,d.dloc as dept_location,
      a.job_role,
      p.ploc as project_location
from employee e, dept d, assigned_to a, project p
where e.deptno=d.deptno and
      e.empno=a.empno and
      a.pno=p.pno and
      d.dloc=p.ploc;
```

empno	ename	dname	dept_location	job_role	project_location
101	Utappa	IT	bengaluru	Data Analyst	Bengaluru
102	vijay	HR	mysuru	HR Assistant	Mysuru