

## Dept table

```
40 • INSERT INTO dept VALUES
41     (10, 'ACCOUNTING', 'MUMBAI'),
42     (20, 'RESEARCH', 'BENGALURU'),
43     (30, 'SALES', 'DELHI'),
44     (40, 'OPERATIONS', 'CHENNAI');
45 • select * from dept;
```

Result Grid	Filter Rows:	Edit:
deptno	dname	loc
10	ACCOUNTING	MUMBAI
20	RESEARCH	BENGALURU
30	SALES	DELHI
40	OPERATIONS	CHENNAI
NULL	NULL	NULL

## Emp table

```
47 • INSERT INTO emp VALUES
48     (1001, 'Adarsh', NULL, '2015-06-01', 75000.00, 10),
49     (1002, 'Shruthi', 1001, '2016-08-15', 62000.00, 10),
50     (1003, 'Tanvir', NULL, '2014-03-20', 88000.00, 20),
51     (1004, 'Ramesh', 1003, '2017-11-05', 54000.00, 20),
52     (1005, 'Anvitha', 1003, '2018-01-10', 58000.00, 20);
53 • select * from emp;
54
```

Result Grid

Filter Rows:

Edit:

Export/Import:

	empno	ename	mgr_no	hiredate	sal	deptno
	1001	Adarsh	NULL	2015-06-01	75000.00	10
	1002	Shruthi	1001	2016-08-15	62000.00	10
	1003	Tanvir	NULL	2014-03-20	88000.00	20
	1004	Ramesh	1003	2017-11-05	54000.00	20
	1005	Anvitha	1003	2018-01-10	58000.00	20
*	NULL	NULL	NULL	NULL	NULL	NULL

## Incentives table

```
55 • INSERT INTO incentives VALUES
56     (1002, '2022-01-15', 5000.00),
57     (1004, '2022-02-10', 3000.00),
58     (1005, '2022-03-05', 4500.00),
59     (1007, '2022-04-20', 2500.00),
60     (1002, '2022-05-25', 6000.00);
```

Result Grid			
Filter Rows:			
Edit:			
empno	incentive_date	incentive_amount	
1002	2022-01-15	5000.00	
1002	2022-05-25	6000.00	
1004	2022-02-10	3000.00	
1005	2022-03-05	4500.00	
1007	2022-04-20	2500.00	
NULL	NULL	NULL	




## Project table

```
63 • INSERT INTO project VALUES
64     (101, 'AI Development', 'BENGALURU'),
65     (102, 'IoT Integration', 'HYDERABAD'),
66     (103, 'Blockchain Research', 'PUNE'),
67     (104, 'Data Analytics', 'MYSURU'),
68     (105, 'Autonomous Systems', 'CHENNAI');
69 • select * from project;
```

Result Grid			
Filter Rows:			
Edit:			
pno	pname	ploc	
101	AI Development	BENGALURU	
102	IoT Integration	HYDERABAD	
103	Blockchain Research	PUNE	
104	Data Analytics	MYSURU	
105	Autonomous Systems	CHENNAI	
NULL	NULL	NULL	



Assigned to table

```
71 • INSERT INTO assigned_to VALUES
72     (1002, 101, 'Software Developer'),
73     (1004, 102, 'Data Analyst'),
74     (1005, 103, 'Backend Engineer'),
75     (1007, 104, 'QA Tester'),
76     (1001, 105, 'Project Manager');
77 • select * from assigned_to;
78
```

Result Grid			
Filter Rows: <input type="text"/>			
Edit:   			
empno	pno	job_role	
1001	105	Project Manager	
1002	101	Software Developer	
1004	102	Data Analyst	
1005	103	Backend Engineer	
1007	104	QA Tester	
NULL	NULL	NULL	

Retrieve the employee numbers of all employees who work on project located in Bengaluru, Hyderabad, or Mysuru

```
79 • SELECT a.empno
80 FROM assigned_to a
81 JOIN project p ON a.pno = p.pno
82 WHERE p.ploc IN ('BENGALURU', 'HYDERABAD', 'MYSURU');
```

Result Grid	
Filter Rows: <input type="text"/>	
Export:  Wrap Cell Content: 	
empno	
1002	
1004	
1007	

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

```
84 • SELECT empno
85 FROM emp
86 WHERE empno NOT IN (
87     SELECT DISTINCT empno
88     FROM incentives
```

Result Grid | Filter Rows:

empno
1001
1003
NUL

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.

```
91 • SELECT
92     e.ename AS EmployeeName,
93     e.empno AS EmployeeNumber,
94     d.dname AS DepartmentName,
95     a.job_role AS JobRole,
96     d.loc AS DepartmentLocation,
97     p.ploc AS ProjectLocation
98 FROM emp e
99 JOIN dept d ON e.deptno = d.deptno
00 JOIN assigned_to a ON e.empno = a.empno
01 JOIN project p ON a.pno = p.pno
02 WHERE d.loc = p.ploc;
```

Result Grid | Filter Rows:  Export: Wrap Cell Content:

EmployeeName	EmployeeNumber	DepartmentName	JobRole	DepartmentLocation	ProjectLocation
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