



```
12
13
14  -- INNER JOIN
15  •  SELECT m.manager_name, d.dept_Id
16      FROM Manager m
17      INNER JOIN Department d ON m.dept_id = d.dept_id;
18
19
20
21
22
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	manager_name	dept_Id
►	Prem	D3
	Shigadh	D4
	Nick	D1
	Copy	D1



```
1 • select * from manager;
2 • select * from department;
3
4 • SELECT * FROM Manager
5 WHERE dept_Id = 'D1'
6 ORDER BY manager_name;
7
```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:

	Manager_Id	Manager_name	dept_Id
▶	M4	Copy	D1
	M3	Nick	D1
✱	NULL	NULL	NULL



```
7  
8  
9 • SELECT dept_id, COUNT(*) AS num_managers  
10 FROM Manager  
11 GROUP BY dept_id;  
12  
13  
14  
15  
16
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	dept_id	num_managers
▶	D3	1
	D4	1
	D1	2



```
1 • select * from manager;  
2 • select * from department;  
3
```

Result Grid



Filter Rows:

Edit:



Export/Import:



Wrap Cell Content:

	dept_id	dept_name
▶	D1	IT
	D2	HR
	D3	Finance
	D4	Admin
•	NULL	NULL

Toolbar icons: File Explorer, Save, Undo, Redo, Find, Stop, Run, Limit to 10000 rows, Star, Eraser, Zoom In, Zoom Out, Refresh.

```
1 • select * from manager;  
2 • select * from department;  
3
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

	Manager_Id	Manager_name	dept_Id
▶	M1	Prem	D3
	M2	Shigadh	D4
	M3	Nick	D1
	M4	Copy	D1
✱	NULL	NULL	NULL

```

60 • SELECT * FROM ManagerDept WHERE dept_name = 'Finance';
61
62 • CREATE INDEX idx_manager_dept ON Manager(dept_id);
63 • CREATE INDEX idx_department_id ON Department(dept_id);
64
65 • CREATE INDEX idx_manager_name ON Manager(manager_name);
66
67
68
69
70
71
72


```

Output

	#	Time	Action	Message
✖	110	20:26:55	CREATE VIEW ManagerWithDept AS SELECT m.manager_name, m.manager_id, m.salary, d.dept_name FRO...	Error Code: 1050. Table 'ManagerWithDept' already exists
✖	111	20:27:23	CREATE VIEW ManagerWithDept AS SELECT m.manager_name, m.manager_id, m.salary , d.dept_name FR...	Error Code: 1050. Table 'ManagerWithDept' already exists
✔	112	20:27:37	CREATE VIEW ManagerWithSal AS SELECT m.manager_name, m.manager_id, m.salary , d.dept_name FRO...	0 row(s) affected
✖	113	20:27:55	CREATE VIEW ManagerWithSal AS SELECT m.manager_name, m.manager_id, m.salary , d.dept_name FRO...	Error Code: 1050. Table 'ManagerWithSal' already exists
✔	114	20:28:17	CREATE VIEW ManagerWithDep AS SELECT m.manager_name, m.manager_id , d.dept_name FROM Manag...	0 row(s) affected
✔	115	20:29:52	CREATE VIEW ManagerDept AS SELECT m.manager_name, m.manager_id , m.salary, d.dept_name FROM ...	0 row(s) affected
✔	116	20:30:18	SELECT * FROM ManagerDept WHERE dept_name = 'Finance' LIMIT 0, 10000	1 row(s) returned
✔	117	20:31:09	CREATE INDEX idx_manager_dept ON Manager(dept_id)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✔	118	20:31:32	CREATE INDEX idx_department_id ON Department(dept_id)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✖	119	21:18:42	CREATE INDEX idx_manager_dept ON Manager(dept_id)	Error Code: 1061. Duplicate key name 'idx_manager_dept'
✔	120	21:19:15	CREATE INDEX idx_manager_name ON Manager(manager_name)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0

```
62 • CREATE INDEX idx_manager_dept ON Manager(dept_id);
63 • CREATE INDEX idx_department_id ON Department(dept_id);
64
65
```

Output

 Action Output ▼

	#	Time	Action	Message
✖	113	20:27:55	CREATE VIEW ManagerWithSal AS SELECT m.manager_name, m.manager_id, m.salary , d.dept_name FRO...	Error Code: 1050. Table 'ManagerWithSal' already exists
✔	114	20:28:17	CREATE VIEW ManagerWithDep AS SELECT m.manager_name, m.manager_id , d.dept_name FROM Manag...	0 row(s) affected
✔	115	20:29:52	CREATE VIEW ManagerDept AS SELECT m.manager_name, m.manager_id , m.salary, d.dept_name FROM ...	0 row(s) affected
✔	116	20:30:18	SELECT * FROM ManagerDept WHERE dept_name = 'Finance' LIMIT 0, 10000	1 row(s) returned
✔	117	20:31:09	CREATE INDEX idx_manager_dept ON Manager(dept_id)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✔	118	20:31:32	CREATE INDEX idx_department_id ON Department(dept_id)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0


```
46      SELECT AVG(salary) FROM Manager
47  );
```

```
50  • SELECT dept_id, COUNT(*) AS total_managers
51     FROM Manager
52     GROUP BY dept_id;
```

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

	dept_id	total_managers
▶	D3	1
	D4	1
	D1	2


```
52 GROUP BY dept_id;
53
54
55 • CREATE VIEW ManagerDept AS
56 SELECT m.manager_name, m.manager_id , m.salary, d.dept_name
57 FROM Manager m
58 JOIN Department d ON m.dept_id = d.dept_id;
59
60 • SELECT * FROM ManagerDept WHERE dept_name = 'Finance';
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [IA](#)

	manager_name	manager_id	salary	dept_name
►	Prem	M1	75000.00	Finance

43

44 • SELECT * FROM Manager

45 WHERE salary > (

46 SELECT AVG(salary) FROM Manager

47);

48

49

50

51

52

53

Result Grid



Filter Rows:

Edit:



Export/Import:



Wrap Cell Content:



	Manager_Id	Manager_name	dept_Id	salary
▶	M1	Prem	D3	75000.00
	M4	Copy	D1	80000.00
•	NULL	NULL	NULL	NULL



```
27 FROM Manager m
28 RIGHT JOIN Department d ON m.dept_id = d.dept_id;
29
30 • SELECT manager_name FROM Manager
31 WHERE dept_id = (
32     SELECT dept_id FROM Department WHERE dept_name = 'IT'
33 );
34
35
36
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	manager_name
▶	Nick
	Copy



```
27 FROM Manager m
28 RIGHT JOIN Department d ON m.dept_id = d.dept_id;
```

```
29
30 • SELECT manager_name FROM Manager
31 WHERE dept_id = (
32     SELECT dept_id FROM Department WHERE dept_name = 'IT'
33 );
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	manager_name
▶	Nick
	Copy



```
23 LEFT JOIN Department d ON m.dept_id = d.dept_id;
24
25 -- RIGHT JOIN
26 • SELECT m.manager_name, d.dept_name
27 FROM Manager m
28 RIGHT JOIN Department d ON m.dept_id = d.dept_id;
29
30
31
32
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	manager_name	dept_name
▶	Copy	IT
	Nick	IT
	NULL	HR
	Prem	Finance
	Shigadh	Admin



Limit to 10000 rows

```
18
19
20 -- LEFT JOIN
21 • SELECT m.manager_name, d.dept_Id
22 FROM Manager m
23 LEFT JOIN Department d ON m.dept_id = d.dept_id;
24
25
26
27
```

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

	manager_name	dept_Id
▶	Prem	D3
	Shigadh	D4
	Nick	D1
	Copy	D1