

MySQL Workbench

manisha123 ×

File Edit View Query Database Server Tools Scripting Help

Query 1 ×

1 • DROP DATABASE emp;

2 • CREATE DATABASE emp;

3 • USE emp;

4

5 • CREATE TABLE DEPT (DEPTNO INT PRIMARY KEY, DNAME VARCHAR(50), DLOC VARCHAR(50));

10 • CREATE TABLE EMPLOYEE (EMPNO INT PRIMARY KEY, ENAME VARCHAR(50), MGR_NO INT, HIREDATE DATE, SAL DECIMAL(10,2), DEPTNO INT, FOREIGN KEY (DEPTNO) REFERENCES DEPT(DEPTNO));

19 • CREATE TABLE PROJECT (PNO INT PRIMARY KEY, PLOC VARCHAR(50), PNAME VARCHAR(50));

23

CREATE TABLE ASSIGNED_TO (

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

EMPNO	ENAME	MGR_NO	HIREDATE	SAL	DEPTNO
NULL	NULL	NULL	NULL	NULL	NULL

EMPLOYEE 1 ×

Action Output

#	Time	Action	Message	Duration / Fetch
25	11:07:37	CREATE TABLE DEPT (DEPTNO INT PRIMARY KEY, DNAME VARCHAR(50), DLOC VARCHAR(50))	0 row(s) affected	0.015 sec
26	11:07:37	CREATE TABLE EMPLOYEE (EMPNO INT PRIMARY KEY, ENAME VARCHAR(50), MGR_NO INT, HIREDATE DATE, SAL DECIMAL(10,2), DEPTNO INT, FOREIGN KEY (DEPTNO) REFERENCES DEPT(DEPTNO))	0 row(s) affected	0.016 sec
27	11:07:37	CREATE TABLE PROJECT (PNO INT PRIMARY KEY, PLOC VARCHAR(50), PNAME VARCHAR(50))	0 row(s) affected	0.015 sec
28	11:07:38	CREATE TABLE ASSIGNED_TO (EMPNO INT, PNO INT, JOB_ROLE VARCHAR(50), PRIMARY KEY (EMPNO,PNO), FOREIGN KEY (EMPNO) REFERENCES EMPLOYEE(EMPNO), FOREIGN KEY (PNO) REFERENCES PROJECT(PNO))	0 row(s) affected	0.016 sec
29	11:07:38	CREATE TABLE INCENTIVES (EMPNO INT, INCENTIVE_DATE DATE, INCENTIVE_AMOUNT DECIMAL(10,2), PRIMARY KEY (EMPNO,INCENTIVE_DATE))	0 row(s) affected	0.015 sec
30	11:07:38	SELECT * FROM EMPLOYEE LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Humid Now

Search

11:07:55

ENG US

31-10-2025

MySQL Workbench

manisha123 ×

File Edit View Query Database Server Tools Scripting Help

Query 1 ×

18);
19 • CREATE TABLE PROJECT (PNO INT PRIMARY KEY, PLOC VARCHAR(50), PNAME VARCHAR(50));
20 • CREATE TABLE ASSIGNED_TO (EMPNO INT, PNO INT, JOB_ROLE VARCHAR(50), PRIMARY KEY (EMPNO, PNO), FOREIGN KEY (EMPNO) REFERENCES EMPLOYEE(EMPNO), FOREIGN KEY (PNO) REFERENCES PROJECT(PNO));
21 • CREATE TABLE INCENTIVES (EMPNO INT, INCENTIVE_DATE DATE, INCENTIVE_AMOUNT DECIMAL(10,2), PRIMARY KEY (EMPNO, INCENTIVE_DATE), FOREIGN KEY (EMPNO) REFERENCES EMPLOYEE(EMPNO));
22
23);
24 • SELECT * FROM EMPLOYEE;
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39 •
40

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

EMPNO	ENAME	MGR_NO	HIREDATE	SAL	DEPTNO
NULL	NULL	NULL	NULL	NULL	NULL

EMPLOYEE 1 × Apply Revert

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓	25	11:07:37 CREATE TABLE DEPT(DEPTNO INT PRIMARY KEY, DNAME VARCHAR(50), DLOC VARCHAR(50))	0 row(s) affected	0.015 sec
✓	26	11:07:37 CREATE TABLE EMPLOYEE(EMPNO INT PRIMARY KEY, ENAME VARCHAR(50), MGR_NO INT, HIREDATE DATE, SAL DECIMAL(10,2), DEPTNO INT...)	0 row(s) affected	0.016 sec
✓	27	11:07:37 CREATE TABLE PROJECT (PNO INT PRIMARY KEY, PLOC VARCHAR(50), PNAME VARCHAR(50))	0 row(s) affected	0.015 sec
✓	28	11:07:38 CREATE TABLE ASSIGNED_TO (EMPNO INT, PNO INT, JOB_ROLE VARCHAR(50), PRIMARY KEY (EMPNO,PNO), FOREIGN KEY (EMPNO) REFERENC...)	0 row(s) affected	0.016 sec
✓	29	11:07:38 CREATE TABLE INCENTIVES (EMPNO INT, INCENTIVE_DATE DATE, INCENTIVE_AMOUNT DECIMAL(10,2), PRIMARY KEY (EMPNO,INCENTIVE_DATE)...)	0 row(s) affected	0.015 sec
✓	30	11:07:38 SELECT * FROM EMPLOYEE LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec



MySQL Workbench

manisha123 ×

File Edit View Query Database Server Tools Scripting Help

Query 1

```

38  );
39 • INSERT INTO DEPT VALUES
40  (10, 'HR', 'Bengaluru'),
41  (20, 'Finance', 'Hyderabad'),
42  (30, 'IT', 'Mysuru'),
43  (40, 'Marketing', 'Chennai'),
44  (50, 'R&D', 'Delhi');
45
46 • INSERT INTO EMPLOYEE VALUES
47  (1001, 'Amit', 2001, '2020-01-10', 50000, 10),
48  (1002, 'Bhavna', 2001, '2019-05-21', 60000, 20),
49  (1003, 'Chirag', 2002, '2021-03-12', 55000, 30),
50  (1004, 'Divya', 2003, '2018-07-25', 70000, 40),
51  (1005, 'Eshan', 2001, '2022-09-14', 52000, 30),
52  (1006, 'Farah', 2002, '2021-10-11', 48000, 50);
53
54 • INSERT INTO PROJECT VALUES
55  (201, 'Bengaluru', 'ERP Upgrade'),
56  (202, 'Hyderabad', 'Banking App'),
57  (203, 'Mysuru', 'Data Migration'),
58  (204, 'Chennai', 'Ad Campaign'),
59  (205, 'Delhi', 'AI Research');
60

```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Result Grid | Apply | Revert | Output | Action Output |

DEPTNO	DNAME	DLLOC
10	HR	Bengaluru
20	Finance	Hyderabad
30	IT	Mysuru
40	Marketing	Chennai
50	R&D	Delhi

DEPT 2 ×

Message

#	Time	Action	Duration / Fetch
52	11:10:46	INSERT INTO DEPT VALUES (10, 'HR', 'Bengaluru'), (20, 'Finance', 'Hyderabad'), (30, 'IT', 'Mysuru'), (40, 'Marketing', 'Chennai'), (50, 'R&D', 'Delhi')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0 0.000 sec
53	11:10:46	INSERT INTO EMPLOYEE VALUES (1001, 'Amit', 2001, '2020-01-10', 50000, 10), (1002, 'Bhavna', 2001, '2019-05-21', 60000, 20), (1003, 'Chirag', 2002, '2021-03-12', 55000, 30), (1004, 'Divya', 2003, '2018-07-25', 70000, 40), (1005, 'Eshan', 2001, '2022-09-14', 52000, 30), (1006, 'Farah', 2002, '2021-10-11', 48000, 50)	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0 0.000 sec
54	11:10:46	INSERT INTO PROJECT VALUES (201, 'Bengaluru', 'ERP Upgrade'), (202, 'Hyderabad', 'Banking App'), (203, 'Mysuru', 'Data Migration'), (204, 'Chennai', 'Ad Campaign'), (205, 'Delhi', 'AI Research')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0 0.000 sec
55	11:10:46	INSERT INTO ASSIGNED_TO VALUES (1001, 201, 'Analyst'), (1002, 202, 'Developer'), (1003, 203, 'Tester'), (1004, 204, 'Manager'), (1005, 203, 'Developer'), (1006, 205, 'Employee')	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0 0.000 sec
56	11:10:46	INSERT INTO INCENTIVES VALUES (1001, 2023-05-15, 5000), (1003, 2023-06-20, 3000), (1005, 2023-04-10, 2500)	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0 0.000 sec
57	11:10:46	select * from DEPT LIMIT 0, 1000	5 row(s) returned 0.000 sec / 0.000 sec

23°C Sunny

Search

11:10:58

ENG US

31-10-2025

MySQL Workbench

manisha123 ×

File Edit View Query Database Server Tools Scripting Help

Query 1 ×

46 • INSERT INTO EMPLOYEE VALUES
 47 (1001, 'Amit', 2001, '2020-01-10', 50000, 10),
 48 (1002, 'Bhavna', 2001, '2019-05-21', 60000, 20),
 49 (1003, 'Chirag', 2002, '2021-03-12', 55000, 30),
 50 (1004, 'Divya', 2003, '2018-07-25', 70000, 40),
 51 (1005, 'Eshan', 2001, '2022-09-14', 52000, 30),
 52 (1006, 'Farah', 2002, '2021-10-11', 48000, 50);
 53
 54 • INSERT INTO PROJECT VALUES
 55 (201, 'Bengaluru', 'ERP Upgrade'),
 56 (202, 'Hyderabad', 'Banking App'),
 57 (203, 'Mysuru', 'Data Migration'),
 58 (204, 'Chennai', 'Ad Campaign'),
 59 (205, 'Delhi', 'AI Research');
 60
 61 • INSERT INTO ASSIGNED_TO VALUES
 62 (1001, 201, 'Analyst'),
 63 (1002, 202, 'Developer'),
 64 (1003, 203, 'Tester'),
 65 (1004, 204, 'Manager'),
 66 (1005, 203, 'Developer'),
 67 (1006, 205, 'Engineer');
 68

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

EMPNO	ENAME	MGR_NO	HIREDATE	SAL	DEPTNO
1001	Amit	2001	2020-01-10	50000.00	10
1002	Bhavna	2001	2019-05-21	60000.00	20
1003	Chirag	2002	2021-03-12	55000.00	30
1004	Divya	2003	2018-07-25	70000.00	40
1005	Eshan	2001	2022-09-14	52000.00	30

EMPLOYEE 3 ×

Action Output

#	Time	Action	Message	Duration / Fetch
66	11:11:31	INSERT INTO DEPT VALUES (10, 'HR', 'Bengaluru'), (20, 'Finance', 'Hyderabad'), (30, 'IT', 'Mysuru'), (40, 'Marketing', 'Chennai'), (50, 'R&D', 'Delhi')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.000 sec
67	11:11:31	INSERT INTO EMPLOYEE VALUES (1001, 'Amit', 2001, '2020-01-10', 50000, 10), (1002, 'Bhavna', 2001, '2019-05-21', 60000, 20), (1003, 'Chirag', 2002, '2021-03-12', 55000, 30), (1004, 'Divya', 2003, '2018-07-25', 70000, 40), (1005, 'Eshan', 2001, '2022-09-14', 52000, 30), (1006, 'Farah', 2002, '2021-10-11', 48000, 50)	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.000 sec
68	11:11:31	INSERT INTO PROJECT VALUES (201, 'Bengaluru', 'ERP Upgrade'), (202, 'Hyderabad', 'Banking App'), (203, 'Mysuru', 'Data Migration'), (204, 'Chennai', 'Ad Campaign'), (205, 'Delhi', 'AI Research')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.000 sec
69	11:11:31	INSERT INTO ASSIGNED_TO VALUES (1001, 201, 'Analyst'), (1002, 202, 'Developer'), (1003, 203, 'Tester'), (1004, 204, 'Manager'), (1005, 203, 'Developer'), (1006, 205, 'Engineer')	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.000 sec
70	11:11:31	INSERT INTO INCENTIVES VALUES (1001, '2023-05-15', 5000), (1003, '2023-06-20', 3000), (1005, '2023-04-10', 2500)	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
71	11:11:31	select * from EMPLOYEE LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

23°C Sunny

Search

11:11:39 31-10-2025

MySQL Workbench

manisha123 ×

File Edit View Query Database Server Tools Scripting Help

Query 1 ×

Limit to 1000 rows

```

53
54 • INSERT INTO PROJECT VALUES
55     (201, 'Bengaluru', 'ERP Upgrade'),
56     (202, 'Hyderabad', 'Banking App'),
57     (203, 'Mysuru', 'Data Migration'),
58     (204, 'Chennai', 'Ad Campaign'),
59     (205, 'Delhi', 'AI Research');
60
61 • INSERT INTO ASSIGNED_TO VALUES
62     (1001, 201, 'Analyst'),
63     (1002, 202, 'Developer'),
64     (1003, 203, 'Tester'),
65     (1004, 204, 'Manager'),
66     (1005, 203, 'Developer'),
67     (1006, 205, 'Engineer');
68
69 • INSERT INTO INCENTIVES VALUES
70     (1001, '2023-05-15', 5000),
71     (1003, '2023-06-20', 3000),
72     (1005, '2023-04-10', 2500);
73
74 • select * from PROJECT
75

```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Result Grid | Apply | Revert | Output | Action Output

PNO	PLOC	PNAME
201	Bengaluru	ERP Upgrade
202	Hyderabad	Banking App
203	Mysuru	Data Migration
204	Chennai	Ad Campaign
205	Delhi	AI Research

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 80	11:12:19	INSERT INTO DEPT VALUES (10, 'HR', 'Bengaluru'), (20, 'Finance', 'Hyderabad'), (30, IT, 'Mysuru'), (40, 'Marketing', 'Chennai'), (50, 'R&D', 'Delhi')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.015 sec
✓ 81	11:12:19	INSERT INTO EMPLOYEE VALUES (1001, 'Amit', 2001, '2020-01-10', 50000, 10), (1002, 'Bhavna', 2001, '2019-05-21', 60000, 20), (1003, 'Chirag', 2002, '2021-03-12', 55000, 10), (1004, 'Divya', 2003, '2022-07-15', 70000, 20), (1005, 'Esha', 2004, '2023-04-10', 25000, 10)	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.000 sec
✓ 82	11:12:19	INSERT INTO PROJECT VALUES (201, 'Bengaluru', 'ERP Upgrade'), (202, 'Hyderabad', 'Banking App'), (203, 'Mysuru', 'Data Migration'), (204, 'Chennai', 'Ad Campaign'), (205, 'Delhi', 'AI Research')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.000 sec
✓ 83	11:12:19	INSERT INTO ASSIGNED_TO VALUES (1001, 201, 'Analyst'), (1002, 202, 'Developer'), (1003, 203, 'Tester'), (1004, 204, 'Manager'), (1005, 203, 'Developer'), (1006, 205, 'Engineer')	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.000 sec
✓ 84	11:12:19	INSERT INTO INCENTIVES VALUES (1001, '2023-05-15', 5000), (1003, '2023-06-20', 3000), (1005, '2023-04-10', 2500)	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
✓ 85	11:12:19	select * from PROJECT LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

23°C Sunny

Search

11:12:27

ENG US

31-10-2025

MySQL Workbench

manisha123 ×

File Edit View Query Database Server Tools Scripting Help

Query 1 ×

Limit to 1000 rows

```

53
54 • INSERT INTO PROJECT VALUES
55     (201, 'Bengaluru', 'ERP Upgrade'),
56     (202, 'Hyderabad', 'Banking App'),
57     (203, 'Mysuru', 'Data Migration'),
58     (204, 'Chennai', 'Ad Campaign'),
59     (205, 'Delhi', 'AI Research');
60
61 • INSERT INTO ASSIGNED_TO VALUES
62     (1001, 201, 'Analyst'),
63     (1002, 202, 'Developer'),
64     (1003, 203, 'Tester'),
65     (1004, 204, 'Manager'),
66     (1005, 203, 'Developer'),
67     (1006, 205, 'Engineer');
68
69 • INSERT INTO INCENTIVES VALUES
70     (1001, '2023-05-15', 5000),
71     (1003, '2023-06-20', 3000),
72     (1005, '2023-04-10', 2500);
73
74 • select * from ASSIGNED_TO
75

```

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

EMPNO	PNO	JOB_ROLE
1001	201	Analyst
1002	202	Developer
1003	203	Tester
1004	204	Manager
1005	203	Developer

ASSIGNED_TO 5 ×

Action Output

#	Time	Action	Message	Duration / Fetch
94	11:13:09	INSERT INTO DEPT VALUES (10, 'HR', 'Bengaluru'), (20, 'Finance', 'Hyderabad'), (30, IT, 'Mysuru'), (40, 'Marketing', 'Chennai'), (50, 'R&D', 'Delhi')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.016 sec
95	11:13:09	INSERT INTO EMPLOYEE VALUES (1001, 'Amit', 2001, '2020-01-10', 50000, 10), (1002, 'Bhavna', 2001, '2019-05-21', 60000, 20), (1003, 'Chirag', 2002, '2021-03-12', 55000, 10), (1004, 'Dipti', 2003, '2022-07-15', 45000, 20), (1005, 'Esha', 2004, '2023-04-10', 30000, 20)	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.000 sec
96	11:13:09	INSERT INTO PROJECT VALUES (201, 'Bengaluru', 'ERP Upgrade'), (202, 'Hyderabad', 'Banking App'), (203, 'Mysuru', 'Data Migration'), (204, 'Chennai', 'Ad Campaign'), (205, 'Delhi', 'AI Research')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.016 sec
97	11:13:09	INSERT INTO ASSIGNED_TO VALUES (1001, 201, 'Analyst'), (1002, 202, 'Developer'), (1003, 203, 'Tester'), (1004, 204, 'Manager'), (1005, 203, 'Developer'), (1006, 205, 'Engineer')	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.000 sec
98	11:13:09	INSERT INTO INCENTIVES VALUES (1001, '2023-05-15', 5000), (1003, '2023-06-20', 3000), (1005, '2023-04-10', 2500)	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.015 sec
99	11:13:09	select * from ASSIGNED_TO LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

Output

23°C Sunny

Search

11:13:20

ENG US

31-10-2025

MySQL Workbench

manisha123 ×

File Edit View Query Database Server Tools Scripting Help

SQL

Query 1 ×

Limit to 1000 rows

```

52     (1006, 'Farah', 2002, '2021-10-11', 48000, 50);
53
54 • INSERT INTO PROJECT VALUES
55     (201, 'Bengaluru', 'ERP Upgrade'),
56     (202, 'Hyderabad', 'Banking App'),
57     (203, 'Mysuru', 'Data Migration'),
58     (204, 'Chennai', 'Ad Campaign'),
59     (205, 'Delhi', 'AI Research');
60
61 • INSERT INTO ASSIGNED_TO VALUES
62     (1001, 201, 'Analyst'),
63     (1002, 202, 'Developer'),
64     (1003, 203, 'Tester'),
65     (1004, 204, 'Manager'),
66     (1005, 203, 'Developer'),
67     (1006, 205, 'Engineer');
68
69 • INSERT INTO INCENTIVES VALUES
70     (1001, '2023-05-15', 5000),
71     (1003, '2023-06-20', 3000),
72     (1005, '2023-04-10', 2500);
73
74 • select * from INCENTIVES
--
```

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

EMPNO	INCENTIVE_DATE	INCENTIVE_AMOUNT
1001	2023-05-15	5000.00
1003	2023-06-20	3000.00
1005	2023-04-10	2500.00
*	HULL	HULL

INCENTIVES 6 ×

Action Output

#	Time	Action	Message	Duration / Fetch
108	11:13:44	INSERT INTO DEPT VALUES (10, 'HR', 'Bengaluru'), (20, 'Finance', 'Hyderabad'), (30, 'IT', 'Mysuru'), (40, 'Marketing', 'Chennai'), (50, 'R&D', 'Delhi')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.000 sec
109	11:13:44	INSERT INTO EMPLOYEE VALUES (1001, 'Anil', 2001, '2020-01-10', 50000, 10), (1002, 'Bhavna', 2001, '2019-05-21', 60000, 20), (1003, 'Chirag', 2002, '2021-03-12', 55000, 10), (1004, 'Dipti', 2002, '2021-04-15', 50000, 10), (1005, 'Esha', 2003, '2022-06-20', 45000, 10), (1006, 'Farah', 2002, '2021-10-11', 48000, 50)	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.015 sec
110	11:13:44	INSERT INTO PROJECT VALUES (201, 'Bengaluru', 'ERP Upgrade'), (202, 'Hyderabad', 'Banking App'), (203, 'Mysuru', 'Data Migration'), (204, 'Chennai', 'Ad Campaign'), (205, 'Delhi', 'AI Research')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.000 sec
111	11:13:44	INSERT INTO ASSIGNED_TO VALUES (1001, 201, 'Analyst'), (1002, 202, 'Developer'), (1003, 203, 'Tester'), (1004, 204, 'Manager'), (1005, 203, 'Developer'), (1006, 205, 'Engineer')	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.016 sec
112	11:13:44	INSERT INTO INCENTIVES VALUES (1001, '2023-05-15', 5000), (1003, '2023-06-20', 3000), (1005, '2023-04-10', 2500)	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec / 0.000 sec
113	11:13:44	select * from INCENTIVES LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

23°C Sunny

Search

11:13:47 31-10-2025

```

71      (1003, '2023-06-20', 3000),
72      (1005, '2023-04-10', 2500);
73
74
75 •  SELECT DISTINCT A.EMPNO
76   FROM ASSIGNED_TO A
77   JOIN PROJECT P ON A.PNO = P.PNO
78   WHERE P.PLOC IN ('Bengaluru', 'Hyderabad', 'Mysuru');
79
80

```

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

EMPNO
1001
1002
1003
1005

Result 7 x Read Only

Action Output

#	Time	Action	Message	Duration / Fetch
122	11:15:16	INSERT INTO DEPT VALUES (10, 'HR', 'Bengaluru'), (20, 'Finance', 'Hyderabad'), (30, 'IT', 'Mysuru'), (40, 'Marketing', 'Chennai'), (50, 'R&D', 'Delhi')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.000 sec
123	11:15:16	INSERT INTO EMPLOYEE VALUES (1001, 'Amit', 2001, '2020-01-10', 50000, 10), (1002, 'Bhavna', 2001, '2019-05-21', 60000, 20), (1003, 'Chirag', 2002, '2021-03-12', 55000, 20)	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.000 sec
124	11:15:16	INSERT INTO PROJECT VALUES (201, 'Bengaluru', 'ERP Upgrade'), (202, 'Hyderabad', 'Banking App'), (203, 'Mysuru', 'Data Migration'), (204, 'Chennai', 'Ad Campaign'), (205, 'Delhi', 'Cloud Migration')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.000 sec
125	11:15:16	INSERT INTO ASSIGNED_TO VALUES (1001, 201, 'Analyst'), (1002, 202, 'Developer'), (1003, 203, 'Tester'), (1004, 204, 'Manager'), (1005, 203, 'Developer'), (1006, 205, 'Executive'), (1007, 201, 'Analyst')	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.000 sec
126	11:15:16	INSERT INTO INCENTIVES VALUES (1001, '2023-05-15', 5000), (1003, '2023-06-20', 3000), (1005, '2023-04-10', 2500)	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
127	11:15:16	SELECT DISTINCT A.EMPNO FROM ASSIGNED_TO A JOIN PROJECT P ON A.PNO = P.PNO WHERE P.PLOC IN ('Bengaluru', 'Hyderabad', 'Mysuru') LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

Start

Output

23°C Sunny

Search

11:15:20 31-10-2025 ENG US

```
80 •   SELECT E.EMPNO
81     FROM EMPLOYEE E
82 WHERE E.EMPNO NOT IN (SELECT EMPNO FROM INCENTIVES);
83
84
```

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

EMPNO
1002
1004
1006
NULL

Result 8 EMPLOYEE 9 × Apply Revert

Action Output

#	Time	Action	Message	Duration / Fetch
137	11:15:58	INSERT INTO EMPLOYEE VALUES (1001, 'Amit', 2001, '2020-01-10', 50000, 10), (1002, 'Bhavna', 2001, '2019-05-21', 60000, 20), (1003, 'Chirag', 2002, '2021-03-12', 55000, 15), (1004, 'Dipti', 2003, '2020-07-05', 45000, 10), (1005, 'Esha', 2004, '2021-09-10', 50000, 20), (1006, 'Fahim', 2005, '2022-01-15', 65000, 25)	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.016 sec
138	11:15:58	INSERT INTO PROJECT VALUES (201, 'Bengaluru', 'ERP Upgrade'), (202, 'Hyderabad', 'Banking App'), (203, 'Mysuru', 'Data Migration'), (204, 'Chennai', 'Ad Campaign'), (205, 'Delhi', 'CRM System')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.000 sec
139	11:15:58	INSERT INTO ASSIGNED_TO VALUES (1001, 201, 'Analyst'), (1002, 202, 'Developer'), (1003, 203, 'Tester'), (1004, 204, 'Manager'), (1005, 203, 'Developer'), (1006, 205, 'Employee')	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.000 sec
140	11:15:58	INSERT INTO INCENTIVES VALUES (1001, '2023-05-15', 5000), (1003, '2023-06-20', 3000), (1005, '2023-04-10', 2500)	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec / 0.000 sec
141	11:15:58	SELECT DISTINCT A.EMPNO FROM ASSIGNED_TO A JOIN PROJECT P ON A.PNO = P.PNO WHERE P.LOC IN ('Bengaluru', 'Hyderabad', 'Mysuru') LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
142	11:15:58	SELECT E.EMPNO FROM EMPLOYEE E WHERE E.EMPNO NOT IN (SELECT EMPNO FROM INCENTIVES) LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

23°C Sunny

Search

11:16:02 31-10-2025

```

83
84 • SELECT
85     E.ENAME,
86     E.EMPNO,
87     D.DNAME AS DEPARTMENT,
88     A.JOB_ROLE,
89     D.DLOC AS DEPT_LOCATION,
90     P.PLOC AS PROJECT_LOCATION
91 FROM EMPLOYEE E
92 JOIN DEPT D ON E.DEPTNO = D.DEPTNO
93 JOIN ASSIGNED_TO A ON E.EMPNO = A.EMPNO
94 JOIN PROJECT P ON A.PNO = P.PNO
95 WHERE D.DLOC = P.PLOC;
96
97

```

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

ENAME	EMPNO	DEPARTMENT	JOB_ROLE	DEPT_LOCATION	PROJECT_LOCATION
Amit	1001	HR	Analyst	Bengaluru	Bengaluru
Bhavna	1002	Finance	Developer	Hyderabad	Hyderabad
Chirag	1003	IT	Tester	Mysuru	Mysuru
Eshan	1005	IT	Developer	Mysuru	Mysuru
Divya	1004	Marketing	Manager	Chennai	Chennai
Farah	1006	R&D	Engineer	Delhi	Delhi

Result 10 EMPLOYEE 11 Result 12 × Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
153	11:16:41	INSERT INTO PROJECT VALUES (201, 'Bengaluru', 'ERP Upgrade'), (202, 'Hyderabad', 'Banking App'), (203, 'Mysuru', 'Data Migration'), (204, 'Chennai', 'Ad Campaign'), (205, 'Delhi', 'Cloud Migration')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.000 sec
154	11:16:41	INSERT INTO ASSIGNED_TO VALUES (1001, 201, 'Analyst'), (1002, 202, 'Developer'), (1003, 203, 'Tester'), (1004, 204, 'Manager'), (1005, 203, 'Developer'), (1006, 205, 'Engineer')	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.016 sec
155	11:16:41	INSERT INTO INCENTIVES VALUES (1001, '2023-05-15', 5000), (1003, '2023-06-20', 3000), (1005, '2023-04-10', 2500)	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
156	11:16:41	SELECT DISTINCT A.EMPNO FROM ASSIGNED_TO A JOIN PROJECT P ON A.PNO = P.PNO WHERE P.PLOC IN ('Bengaluru', 'Hyderabad', 'Mysuru') LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
157	11:16:41	SELECT E.EMPNO FROM EMPLOYEE E WHERE E.EMPNO NOT IN (SELECT EMPNO FROM INCENTIVES) LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
158	11:16:41	SELECT E.ENAME, E.EMPNO, D.DNAME AS DEPARTMENT, A.JOB_ROLE, D.DLOC AS DEPT_LOCATION, P.PLOC AS PROJECT_LOCATION FRO...	6 row(s) returned	0.000 sec / 0.000 sec



File Edit View Query Database Server Tools Scripting Help

Navigator: SUPPLIER | emp.mnifinal < SQLAdditions

SCHEMAS: Filter objects

```

106     JOIN ASSIGNED_TO A ON E.EMPNO = A.EMPNO
107     JOIN PROJECT P ON A.PNO = P.PNO
108     WHERE D.DLOC = P.PLOC;
109
110 •   SELECT
111     M.ENAME AS Manager_Name,
112     M.EMPNO AS Manager_Number,
113     COUNT(E.EMPNO) AS Total_Employees
114   FROM EMPLOYEE E
115   JOIN EMPLOYEE M ON E.MGR_NO = M.EMPNO
116   GROUP BY M.EMPNO, M.ENAME
117   HAVING COUNT(E.EMPNO) = (
118     SELECT MAX(cnt)
119     FROM (
120       SELECT COUNT(*) AS cnt
121         FROM EMPLOYEE
122        WHERE MGR_NO IS NOT NULL
123        GROUP BY MGR_NO
124     ) AS X
125   );
126
127 •   SELECT *
128   FROM EMPLOYEE M

```

No object selected

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

Manager_Name	Manager_Number	Total_Employees
Rahul Sharma	101	2
Amit Kumar	103	2

Result Grid | Form Editor

DEPT 16 EMPLOYEE 17 PROJECT 18 ASSIGNED_TO 19 INCENTIVES 20 ASSIGNED_TO 21 EMPLOYEE 22 Result 23 Result 24 x EMPLOYEE 25 Result 26 Result 27 Result 28 EMPLOYEE 29 Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
2	11:12:03	CREATE DATABASE emp	1 row(s) affected	0.000 sec
3	11:12:03	USE emp	0 row(s) affected	0.000 sec
4	11:12:03	CREATE TABLE DEPT (DEPTNO INT PRIMARY KEY, DNAME VARCHAR(50), DLOC VARCHAR(50))	0 row(s) affected	0.015 sec
5	11:12:03	CREATE TABLE EMPLOYEE (EMPNO INT PRIMARY KEY, ENAME VARCHAR(50), MGR_NO INT, HIREDATE DATE, SAL DECIMAL(10,2)... 0 row(s) affected		0.016 sec

Object Info Session

23°C Partly sunny

Search

11:19:56 07-11-2025

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

File Edit View Query Database Server Tools Scripting Help

Navigator: SUPPLIER emp mmfinal* SQLAdditions

SCHEMAS Filter objects

- college_128
- college_136
- emp
- employee
- employees
- employees_128
- erd
- hospital
- indu
- insur
- insuranc
- Insurance
- Insurance1
- insurance_118
- insurance_128
- Insurance_ibm23128
- Insurance_ibm23cs1
- insure
- lab05
- library_system
- mall

No object selected

```

145 E.EMPNO,
146 E.ENAME,
147 I.INCENTIVE_AMOUNT
148 FROM EMPLOYEE E
149 JOIN INCENTIVES I ON E.EMPNO = I.EMPNO
150 WHERE 2 = (
151   SELECT COUNT(*)
152   FROM INCENTIVES J
153   WHERE J.INCENTIVE_AMOUNT >= I.INCENTIVE_AMOUNT
154 )
155
156
157 *  SELECT *
158   FROM EMPLOYEE E
159   WHERE E.MGR_NO IS NOT NULL
160   AND E.DEPTNO =
161     (SELECT E1.DEPTNO
162      FROM EMPLOYEE E1
163      WHERE E1.EMPNO = E.MGR_NO
164 )
165
166
167

```

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

EMPNO	ENAME	MGR_NO	HIREDATE	SAL	DEPTNO
102	Priya Singh	101	2021-03-20	60000.00	10
104	Sneha Patel	103	2022-05-12	55000.00	20
*					

DEPT 16 EMPLOYEE 17 PROJECT 18 ASSIGNED_TO 19 INCENTIVES 20 ASSIGNED_TO 21 EMPLOYEE 22 Result 23 Result 24 EMPLOYEE 25 Result 26 Result 27 EMPLOYEE 28 Result 29

Action Output

#	Time	Action	Message	Duration / Fetch
2	11:12:03	CREATE DATABASE emp	1 row(s) affected	0.000 sec
3	11:12:03	USE emp	0 row(s) affected	0.000 sec
4	11:12:03	CREATE TABLE DEPT (DEPTNO INT PRIMARY KEY, DNAME VARCHAR(50), DLOC VARCHAR(50))	0 row(s) affected	0.015 sec
5	11:12:03	CREATE TABLE EMPLOYEE (EMPNO INT PRIMARY KEY, ENAME VARCHAR(50), MGR_NO INT, HIREDATE DATE, SAL DECIMAL(10,2))	0 row(s) affected	0.016 sec

Object Info Session

23°C Partly sunny

Search

11:23:09 07-11-2025

File Edit View Query Database Server Tools Scripting Help

Navigator: SUPPLIER emp_minfinal* ×

SCHEMAS Filter objects

- college_128
- college_136
- empt
- employee
- employees
- employees_128
- erd
- hospital
- indu
- insur
- insuranc
- insurance
- insurance1
- insurance_118
- insurance_128
- insurance_1bm23128
- insurance_1bm23cs1
- insure
- lab05
- library_system
- mall

Administration Schemas Information

No object selected

```

136
137 •   SELECT DISTINCT M.EMPNO AS Manager_Number, M.ENAME AS Manager_Name
138     FROM EMPLOYEE E
139     JOIN EMPLOYEE M ON E.MGR_NO = M.EMPNO
140     WHERE E.DEPTNO = M.DEPTNO;
141
142
143
144 •   SELECT
145     E.EMPNO,
146     E.ENAME,
147     I.INCENTIVE_AMOUNT
148     FROM EMPLOYEE E
149     JOIN INCENTIVES I ON E.EMPNO = I.EMPNO
150     WHERE 2 =
151       SELECT COUNT(*)
152       FROM INCENTIVES J
153       WHERE J.INCENTIVE_AMOUNT >= I.INCENTIVE_AMOUNT
154   )
155
156
157 •   SELECT *
158     FROM EMPLOYEE F

```

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

EMPNO	ENAME	INCENTIVE_AMOUNT
104	Sneha Patel	12000.00

DEPT 15 EMPLOYEE 17 PROJECT 18 ASSIGNED_TO 19 INCENTIVES 20 ASSIGNED_TO 21 EMPLOYEE 22 Result 23 Result 24 EMPLOYEE 25 Result 26 Result 28 × EMPLOYEE 29

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1		CREATE DATABASE emp	1 row(s) affected	0.000 sec
2	11:12:03	CREATE DATABASE emp	0 row(s) affected	0.000 sec
3	11:12:03	USE emp	0 row(s) affected	0.015 sec
4	11:12:03	CREATE TABLE DEPT (DEPTNO INT PRIMARY KEY, DNAME VARCHAR(50), DLOC VARCHAR(50))	0 row(s) affected	0.016 sec
5	11:12:03	CREATE TABLE EMPLOYEE (EMPNO INT PRIMARY KEY, ENAME VARCHAR(50), MGR_NO INT, HIREDATE DATE, SAL DECIMAL(10,2))	0 row(s) affected	

Object Info Session

23°C Partly sunny

Search

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.