

MySQL Workbench

manishnayaka14 ×

File Edit View Query Database Server Tools Scripting Help

Schemas

Filter objects

college_128
college_136
emp1
employee
employees
employees_128
erd
hospital
indu
insur
insurance
insurance1
insurance_118
insurance_128
insurance_ibm23128
insurance_ibm23128
insurance_ibm23128
lab05
library_system
mall

No object selected

SUPPLIER emp rmfinal ×

CREATE TABLE DEPT (DEPTNO INT PRIMARY KEY, DNAME VARCHAR(50), DLOC VARCHAR(50));
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));
CREATE TABLE PROJECT (PNO INT PRIMARY KEY, PN_NAME VARCHAR(50));

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

DEPTNO	DNAME	DLOC
10	HR	Bengaluru
20	IT	Hyderabad
30	Finance	Mysuru
40	Marketing	Bengaluru
50	Operations	Hyderabad
*	NULL	NULL

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 Result 28 EMPLOYEE 29 Apply Revert 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

ENG IN 11:17:15 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.

MySQL Workbench

manishnayaka14 ×

File Edit View Query Database Server Tools Scripting Help

Navigator **SUPPLIER** **emp rmfinal** ×

SCHEMAS Filter objects

- college_128
- college_136
- emp1
- employee
- employees
- employees_128
- erd
- hospital
- indu
- insur
- insurance
- insurance1
- insurance_118
- insurance_128
- insurance_ibm23128
- insurance_ibm23128
- insurance_ibm23128
- insure
- lab05
- library_system
- mall

Administration Schemas

No object selected

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

```

19    );
20
21 • CREATE TABLE PROJECT (
22     PNO INT PRIMARY KEY,
23     PLOC VARCHAR(50),
24     PNAME VARCHAR(100)
25 );
26
27 • CREATE TABLE ASSIGNED_TO (
28     EMPNO INT,
29     PNO INT,
30     JOB_ROLE VARCHAR(50),
31     PRIMARY KEY (EMPNO, PNO),
32     FOREIGN KEY (EMPNO) REFERENCES EMPLOYEE(EMPNO),
33     FOREIGN KEY (PNO) REFERENCES PROJECT(PNO)
34 );
35
36 • CREATE TABLE INCENTIVES (
37     EMPNO INT,
38     INCENTIVE_DATE DATE,
39     INCENTIVE_AMOUNT DECIMAL(10,2),
40     PRIMARY KEY (EMPNO, INCENTIVE_DATE),
41     FOREIGN KEY (EMPNO) REFERENCES EMPLOYEE(EMPNO)
42 );

```

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

DEPTNO	DNAME	DLOC
10	HR	Bengaluru
20	IT	Hyderabad
30	Finance	Mysuru
40	Marketing	Bengaluru
50	Operations	Hyderabad
*	NULL	NULL

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 Result 28 EMPLOYEE 29 Apply Revert Context Help Snippets

Output:

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

11:17:24 07-11-2025 ENG IN

MySQL Workbench

manishnayaka14 ×

File Edit View Query Database Server Tools Scripting Help

Schemas: college_128, college_136, emp1, employee, employees, employees_128, erd, hospital, indu, insur, insuranc, insurance, insurance1, insurance_118, insurance_128, insurance_ibm23128, insurance_ibm23s1, insure, lab05, library_system, mall

Navigator: SUPPLIER, emp rmfinal

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

```

34    );
35
36 • CREATE TABLE INCENTIVES (
37     EMPNO INT,
38     INCENTIVE_DATE DATE,
39     INCENTIVE_AMOUNT DECIMAL(10,2),
40     PRIMARY KEY (EMPNO, INCENTIVE_DATE),
41     FOREIGN KEY (EMPNO) REFERENCES EMPLOYEE(EMPNO)
42 );
43
44 • INSERT INTO DEPT VALUES
45     (10, 'HR', 'Bengaluru'),
46     (20, 'IT', 'Hyderabad'),
47     (30, 'Finance', 'Mysuru'),
48     (40, 'Marketing', 'Bengaluru'),
49     (50, 'Operations', 'Hyderabad');
50
51 • INSERT INTO EMPLOYEE VALUES
52     (101, 'Rahul Sharma', NULL, '2020-01-15', 75000, 10),
53     (102, 'Priya Singh', 101, '2021-03-20', 60000, 10),
54     (103, 'Amit Kumar', 101, '2019-07-10', 80000, 20),
55     (104, 'Sneha Patel', 103, '2022-05-12', 55000, 20),
56     (105, 'Raizach Nair', 102, '2020-11-20', 70000, 20);

```

No object selected

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

DEPTNO	DNAME	DLOC
10	HR	Bengaluru
20	IT	Hyderabad
30	Finance	Mysuru
40	Marketing	Bengaluru
50	Operations	Hyderabad
*	NULL	NULL

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 Result 28 EMPLOYEE 29 Apply Revert Context Help Snippets

Output:

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

11:17:34 07-11-2025 ENG IN

MySQL Workbench

manishnayaka14 ×

File Edit View Query Database Server Tools Scripting Help

Schemas

No object selected

Navigator

SUPPLIER emp rmfinal

SQL Additions

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

```
49 (50, 'Operations', 'Hyderabad');
50
51 • INSERT INTO EMPLOYEE VALUES
52 (101, 'Rahul Sharma', NULL, '2020-01-15', 75000, 10),
53 (102, 'Priya Singh', 101, '2021-03-20', 60000, 10),
54 (103, 'Amit Kumar', 101, '2019-07-10', 80000, 20),
55 (104, 'Sneha Patel', 103, '2022-05-12', 55000, 20),
56 (105, 'Rajesh Nair', 103, '2020-11-30', 70000, 30);
57
58 • INSERT INTO PROJECT VALUES
59 (1, 'Bengaluru', 'HR System Upgrade'),
60 (2, 'Hyderabad', 'IT Infrastructure'),
61 (3, 'Mysuru', 'Financial Analysis'),
62 (4, 'Bengaluru', 'Marketing Campaign'),
63 (5, 'Hyderabad', 'Operations Optimization');
64
65 • INSERT INTO ASSIGNED_TO VALUES
66 (101, 1, 'Project Manager'),
67 (102, 1, 'HR Specialist'),
68 (103, 2, 'IT Manager'),
69 (104, 2, 'Developer'),
70 (105, 3, 'Financial Analyst');
71
```

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

EMPNO	ENAME	MGR_NO	HIREDATE	SAL	DEPTNO
101	Rahul Sharma	NULL	2020-01-15	75000.00	10
102	Priya Singh	101	2021-03-20	60000.00	10
103	Amit Kumar	101	2019-07-10	80000.00	20
104	Sneha Patel	103	2022-05-12	55000.00	20
105	Rajesh Nair	103	2020-11-30	70000.00	30
*	NULL	NULL	NULL	NULL	NULL

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 Result 28 EMPLOYEE 29

Output:

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

ENG IN

11:18:29 07-11-2025

MySQL Workbench

manishnayaka14 ×

File Edit View Query Database Server Tools Scripting Help

Schemas: college_128, college_136, emp1, employee, employees, employees_128, erd, hospital, indu, insur, insuranc, insurance, insurance1, insurance_118, insurance_128, insurance_ibm23128, insurance_ibm23cs1, insure, lab05, library_system, mall, .. Administration Schemas

No object selected

SQL Editor: LIMIT TO 50000 ROWS | SQL ADDITIONS | JUMP TO

```

64
65 • INSERT INTO ASSIGNED_TO VALUES
66     (101, 1, 'Project Manager'),
67     (102, 1, 'HR Specialist'),
68     (103, 2, 'IT Manager'),
69     (104, 2, 'Developer'),
70     (105, 3, 'Financial Analyst');
71
72 • INSERT INTO INCENTIVES VALUES
73     (101, '2024-01-15', 10000),
74     (102, '2024-01-20', 15000),
75     (103, '2024-02-01', 8000),
76     (104, '2024-02-15', 12000),
77     (105, '2024-03-01', 9000);
78
79 • SELECT * FROM DEPT;
80 • SELECT * FROM EMPLOYEE;
81 • SELECT * FROM PROJECT;
82 • SELECT * FROM ASSIGNED_TO;
83 • SELECT * FROM INCENTIVES;
84
85 • SELECT EMPNO
86     FROM DEPARTMENT TO

```

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

PNO	PLOC	PNAME
1	Bengaluru	HR System Upgrade
2	Hyderabad	IT Infrastructure
3	Mysuru	Financial Analysis
4	Bengaluru	Marketing Campaign
5	Hyderabad	Operations Optimization
*	NULL	NULL

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 Result 28 EMPLOYEE 29 Apply Revert Context Help Snippets

Output: 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 ENG IN 11:18:48 07-11-2025

MySQL Workbench

manishnayaka14 ×

File Edit View Query Database Server Tools Scripting Help

Schemas: college_128, college_136, emp1, employee, employees, employees_128, erd, hospital, indu, insur, insuranc, insurance, insurance1, insurance_118, insurance_128, insurance_ibm23128, insurance_ibm23cs1, insure, lab05, library_system, mall, .. Administration Schemas

No object selected

SQL Editor:

```

64
65 • INSERT INTO ASSIGNED_TO VALUES
66     (101, 1, 'Project Manager'),
67     (102, 1, 'HR Specialist'),
68     (103, 2, 'IT Manager'),
69     (104, 2, 'Developer'),
70     (105, 3, 'Financial Analyst');
71
72 • INSERT INTO INCENTIVES VALUES
73     (101, '2024-01-15', 10000),
74     (102, '2024-01-20', 15000),
75     (103, '2024-02-01', 8000),
76     (104, '2024-02-15', 12000),
77     (105, '2024-03-01', 9000);
78
79 • SELECT * FROM DEPT;
80 • SELECT * FROM EMPLOYEE;
81 • SELECT * FROM PROJECT;
82 • SELECT * FROM ASSIGNED_TO;
83 • SELECT * FROM INCENTIVES;
84
85 • SELECT EMPNO
86     FROM DEPARTMENT TO

```

Result Grid:

EMPNO	PNO	JOB_ROLE
101	1	Project Manager
102	1	HR Specialist
103	2	IT Manager
104	2	Developer
105	3	Financial Analyst
*	NULL	NULL

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

11:18:58 07-11-2025 ENG IN

MySQL Workbench

manishnayaka14 ×

File Edit View Query Database Server Tools Scripting Help

Schemas: college_128, college_136, emp1, employee, employees, employees_128, erd, hospital, indu, insur, insurance, insurance1, insurance_118, insurance_128, insurance_ibm23128, insurance_ibm23cs1, insure, lab05, library_system, mall

No object selected

SUPPLIER **emp rmfinal***

SQL Additions: Jump to

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

```

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
129     WHERE M.EMPNO IN (SELECT DISTINCT MGR_NO FROM EMPLOYEE)
130   AND M.SAL > (
131     SELECT AVG(E.SAL)
132     FROM EMPLOYEE E
133     WHERE E.MGR_NO = M.EMPNO
134 );
135
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

```

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

EMPNO	ENAME	MGR_NO	HIREDATE	SAL	DEPTNO
101	Rahul Sharma	NULL	2020-01-15	75000.00	10
103	Amit Kumar	101	2019-07-10	80000.00	20
*		NULL	NULL	NULL	NULL

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 28 EMPLOYEE 29

Output: 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

ENG IN 11:22:34 07-11-2025

MySQL Workbench

manishnayaka14 ×

File Edit View Query Database Server Tools Scripting Help

Schemas: college_128, college_136, emp1, employee, employees, employees_128, erd, hospital, indu, insur, insuranc, insurance, insurance1, insurance_118, insurance_128, insurance_ibm23128, insurance_1bm23cs1, insure, lab05, library_system, mall, ..

No object selected

SUPPLIER emp rmfinal* ×

SQL Additions: Jump to

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

```

124      ) AS x
125  );
126
127 •   SELECT *
128   FROM EMPLOYEE M
129   WHERE M.EMPNO IN (SELECT DISTINCT MGR_NO FROM EMPLOYEE)
130   AND M.SAL > (
131     SELECT AVG(E.SAL)
132     FROM EMPLOYEE E
133     WHERE E.MGR_NO = M.EMPNO
134   );
135
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     F.FNAME.

```

Result Grid

Manager_Number	Manager_Name
101	Rahul Sharma
103	Amit Kumar

Output

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

ENG IN 07-11-2025 11:22:51

MySQL Workbench

manishnayaka14 ×

File Edit View Query Database Server Tools Scripting Help

Schemas

Filter objects

college_128
college_136
emp1
employee
employees
employees_128
erd
hospital
indu
insur
insurance
insurance1
insurance_118
insurance_128
insurance_ibm23128
insurance_ibm23cs1
insure
lab05
library_system
mall

No object selected

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

SQL Additions

Jump to

Supplier emp rmnfinal ×

Limit to 50000 rows

64
65 • INSERT INTO ASSIGNED_TO VALUES
66 (101, 1, 'Project Manager'),
67 (102, 1, 'HR Specialist'),
68 (103, 2, 'IT Manager'),
69 (104, 2, 'Developer'),
70 (105, 3, 'Financial Analyst');
71
72 • INSERT INTO INCENTIVES VALUES
73 (101, '2024-01-15', 10000),
74 (102, '2024-01-20', 15000),
75 (103, '2024-02-01', 8000),
76 (104, '2024-02-15', 12000),
77 (105, '2024-03-01', 9000);
78
79 • SELECT * FROM DEPT;
80 • SELECT * FROM EMPLOYEE;
81 • SELECT * FROM PROJECT;
82 • SELECT * FROM ASSIGNED_TO;
83 • SELECT * FROM INCENTIVES;
84
85 • SELECT EMPNO
FROM DEPARTMENT TO

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

EMPNO	INCENTIVE_DATE	INCENTIVE_AMOUNT
101	2024-01-15	10000.00
102	2024-01-20	15000.00
103	2024-02-01	8000.00
104	2024-02-15	12000.00
105	2024-03-01	9000.00
*	NULL	NULL

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 Result 28 EMPLOYEE 29

Output:

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

ENG IN

11:19:06 07-11-2025

MySQL Workbench

manishnayaka14 ×

File Edit View Query Database Server Tools Scripting Help

Schemas

Filter objects

COLLATIONS SCHEMAS TABLES TRIGGERS VIEWS FUNCTIONS PROCEDURES

SUPPLIER emp rmfinal ×

Limit to 50000 rows

SQL Additions

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

```
79 •    SELECT * FROM DEPT;
80 •    SELECT * FROM EMPLOYEE;
81 •    SELECT * FROM PROJECT;
82 •    SELECT * FROM ASSIGNED_TO;
83 •    SELECT * FROM INCENTIVES;
84
85 •    SELECT EMPNO
86      FROM ASSIGNED_TO
87      WHERE PNO IN (
88          SELECT PNO FROM PROJECT
89          WHERE PLOC IN ('Bengaluru', 'Hyderabad', 'Mysuru')
90      );
91
92
93 •    SELECT EMPNO
94      FROM EMPLOYEE
95      WHERE EMPNO NOT IN (SELECT EMPNO FROM INCENTIVES);
96
97 •    SELECT
98      E.ENAME AS Employee_Name,
99      E.EMPNO AS Employee_Number,
100     D.DNAME AS Department_Name,
101      D.THR_RNL_F AS Thr_Rnl_P.
```

No object selected

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

EMPNO
101
102
103
104
105

Result Grid

Form Editor

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 Result 28 EMPLOYEE 29

Output

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

ENG IN

11:19:17 07-11-2025

MySQL Workbench

manishnayaka14 ×

File Edit View Query Database Server Tools Scripting Help

Schemas: college_128, college_136, emp1, employee, employees, employees_128, erd, hospital, indu, insur, insuranc, insurance, insurance1, insurance_118, insurance_128, insurance_ibm23128, insurance_ibm23cs1, insure, lab05, library_system, mall

Navigator: SUPPLIER, emp rmnfinal ×

SQL Additions: Limit to 50000 rows, Jump to

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

```

79 •   SELECT * FROM DEPT;
80 •   SELECT * FROM EMPLOYEE;
81 •   SELECT * FROM PROJECT;
82 •   SELECT * FROM ASSIGNED_TO;
83 •   SELECT * FROM INCENTIVES;
84
85 •   SELECT EMPNO
86     FROM ASSIGNED_TO
87     WHERE PNO IN (
88       SELECT PNO FROM PROJECT
89       WHERE PLOC IN ('Bengaluru', 'Hyderabad', 'Mysuru')
90     );
91
92
93 •   SELECT EMPNO
94     FROM EMPLOYEE
95     WHERE EMPNO NOT IN (SELECT EMPNO FROM INCENTIVES);
96
97 •   SELECT
98     E.ENAME AS Employee_Name,
99     E.EMPNO AS Employee_Number,
100    D.DNAME AS Department_Name,
101    D.THR_RNL_F AS Thr_Rnl_P.

```

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

EMPNO
NULL

Result Grid, Form Editor, Context Help, Snippets

Output: 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, File Explorer, Task View, Chrome, Edge, File, Print, Copy, Paste, Cut, Find, Replace, Undo, Redo, Refresh, Home, Back, Forward, Stop, Help, Minimize, Maximize, Close

ENG IN, 07-11-2025, 11:19:26

MySQL Workbench

manishnayaka14 ×

File Edit View Query Database Server Tools Scripting Help

Schemas: college_128, college_136, emp1, employee, employees, employees_128, erd, hospital, indu, insur, insuranc, insurance, insurance1, insurance_118, insurance_128, insurance_ibm23128, insurance_ibm23cs1, insure, lab05, library_system, mall, .. Administration Schemas

No object selected

SUPPLIER emp rrmfinal ×

SQL Additions: Limit to 50000 rows | Jump to

```

91
92
93 • SELECT EMPNO
94   FROM EMPLOYEE
95 WHERE EMPNO NOT IN (SELECT EMPNO FROM INCENTIVES);
96
97 • SELECT
98   E.ENAME AS Employee_Name,
99   E.EMPNO AS Employee_Number,
100  D.DNAME AS Department_Name,
101  A.JOB_ROLE AS Job_Role,
102  D.DLOC AS Department_Location,
103  P.PLOC AS Project_Location
104  FROM EMPLOYEE E
105  JOIN DEPT D ON E.DEPTNO = D.DEPTNO
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(IF(EMPNO) < Total_Employees

```

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

Employee_Name	Employee_Number	Department_Name	Job_Role	Department_Location	Project_Location
Rahul Sharma	101	HR	Project Manager	Bengaluru	Bengaluru
Priya Singh	102	HR	HR Specialist	Bengaluru	Bengaluru
Amit Kumar	103	IT	IT Manager	Hyderabad	Hyderabad
Sneha Patel	104	IT	Developer	Hyderabad	Hyderabad
Rajesh Nair	105	Finance	Financial Analyst	Mysuru	Mysuru

Result Grid | Form Editor

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 Result 28 EMPLOYEE 29 Read Only Context Help Snippets

Output:

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

ENG IN 11:19:42 07-11-2025

MySQL Workbench

manishnayaka14 ×

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- college_128
- college_136
- emp1
- employee
- employees
- employees_128
- erd
- hospital
- indu
- insur
- insuranc
- insurance
- insurance1
- insurance_118
- insurance_128
- insurance_ibm23128
- insurance_ibm23cs1
- insure
- lab05
- library_system
- mall
- ..
- Administration
- Schemas

Information

No object selected

SUPPLIER emp rmfinal ×

Limit to 50000 rows

SQL Additions

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

```

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

```

Result Grid

Manager_Name	Manager_Number	Total_Employees
Rahul Sharma	101	2
Amit Kumar	103	2

Output

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

ENG IN

11:19:56 07-11-2025

MySQL Workbench

manishnayaka14 ×

File Edit View Query Database Server Tools Scripting Help

Schemas: college_128, college_136, emp1, employee, employees, employees_128, erd, hospital, indu, insur, insuranc, insurance, insurance1, insurance_118, insurance_128, insurance_ibm23128, insurance_1bm23cs1, insure, lab05, library_system, mall, .. Administration Schemas

No object selected

SUPPLIER emp rmfinal* ×

SQL Additions: Jump to

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

```

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: |

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
*	NULL	NULL	NULL	NULL	NULL

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 28 EMPLOYEE 29 ×

Output: 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

ENG IN 11:23:09 07-11-2025

MySQL Workbench

manishnayaka14 ×

File Edit View Query Database Server Tools Scripting Help

SUPPLIER emp rmfinal* ×

Navigator

SCHEMAS

Filter objects

- college_128
- college_136
- emp1
- employee
- employees
- employees_128
- erd
- hospital
- indu
- insur
- insurance
- insurance1
- insurance_118
- insurance_128
- insurance_ibm23128
- insurance_ibm23s1
- insure
- lab05
- library_system
- mall
- " "

Administration Schemas

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 I.EMPNO =
151       (
152         SELECT COUNT(*)
153         FROM INCENTIVES J
154         WHERE J.INCENTIVE_AMOUNT >= I.INCENTIVE_AMOUNT
155     );
156
157 •   SELECT *
158     FROM PMDI_OVFF F

```

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

EMPNO	ENAME	INCENTIVE_AMOUNT
104	Sneha Patel	12000.00

Result Grid Form Editor

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 28 × EMPLOYEE 29

Output:

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

ENG IN 11:23:00 07-11-2025