MySQL Workbench

manishnayaka14

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- atharv
- bank
- bank074
- bank1
- bank17
- bank1_database
- bank2
- bank3
- bank_database
- bank_database_128
- bank_insurance
- bank_insurancee
- bankcs074
- college
- college_128
- college_128j
- college_136
- emp
- emp1
- employee

Administration Schemas

Information

No object selected

Object Info Session

Query 1

Limit to 50000 rows

```
1  DROP DATABASE supplier;
2  CREATE DATABASE supplier;
3  USE supplier;
4
5  CREATE TABLE SUPPLIERS (
6      SID INT PRIMARY KEY,
7      SNAME VARCHAR(100),
8      CITY VARCHAR(50)
9  );
10
11 CREATE TABLE PARTS (
12     PID INT PRIMARY KEY,
13     PNAME VARCHAR(100),
14     COLOR VARCHAR(50)
15 );
16
17 CREATE TABLE CATALOG (
18     SID INT,
19     PID INT,
20     COST DECIMAL(10,2),
21     PRIMARY KEY (SID, PID),
22     FOREIGN KEY (SID) REFERENCES SUPPLIERS(SID),
23     FOREIGN KEY (PID) REFERENCES PARTS(PID)
```

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

SID	SNAME	CITY
10001	acene widget	banglore
10002	johns	kolkata
10003	vimal	mumbai
10004	reliance	delhi
NULL	NULL	NULL

Result Grid | Form Editor

SUPPLIERS 1

Apply Revert

SQLAdditions

Jump to

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

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
8	11:32:33	insert into PARTS values (20001,'book','red'), (20002,'pen','red'), (20003,'pencil','green'), (20004,'mobile','green'), (20005,'charger','black')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.000 sec
9	11:32:35	insert into CATALOG values (10001,20001,10), (10001,20002,10), (10001,20003,30), (10001,20004,10), (10001,20005,10), (10002,20001,10), (10002,200...	9 row(s) affected Records: 9 Duplicates: 0 Warnings: 0	0.000 sec
10	11:32:40	SELECT * FROM SUPPLIERS LIMIT 0, 50000	4 row(s) returned	0.000 sec / 0.000 sec

Query Completed

23°C Partly sunny

Search

ENG IN

11:33:01 14-11-2025

MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- atharv
- bank
- bank074
- bank1
- bank17
- bank1_database
- bank2
- bank3
- bank_database
- bank_database_128
- bank_insurance
- bank_insurancee
- bankcs074
- college
- college_128
- college_128j
- college_136
- emp
- emp1
- employee

Administration Schemas

Information

No object selected

Object Info Session

Query 1

Limit to 50000 rows

```
19      PID INT,
20      COST DECIMAL(10,2),
21      PRIMARY KEY (SID, PID),
22      FOREIGN KEY (SID) REFERENCES SUPPLIERS(SID),
23      FOREIGN KEY (PID) REFERENCES PARTS(PID)
24  );
25
26  insert into SUPPLIERS values
27  (10001,'acene widget','banglore'),
28  (10002,'johns','kolkata'),
29  (10003,'vimal','mumbai'),
30  (10004,'reliance','delhi');
31
32  insert into PARTS values
33  (20001,'book','red' ),
34  (20002,'pen','red'),
35  (20003,'pencil','green'),
36  (20004,'mobile','green'),
37  (20005,'charger','black');
38
39
40  insert into CATALOG values
41  (10001,20001,10),
```

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

SID	SNAME	CITY
10001	acene widget	banglore
10002	johns	kolkata
10003	vimal	mumbai
10004	reliance	delhi
NULL	NULL	NULL

Result Grid | Form Editor

SUPPLIERS 1

Apply Revert

SQLAdditions

Jump to

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

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
8	11:32:33	insert into PARTS values (20001,'book','red'), (20002,'pen','red'), (20003,'pencil','green'), (20004,'mobile','green'), (20005,'charger','black')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.000 sec
9	11:32:35	insert into CATALOG values (10001,20001,10), (10001,20002,10), (10001,20003,30), (10001,20004,10), (10001,20005,10), (10002,20001,10), (10002,200...	9 row(s) affected Records: 9 Duplicates: 0 Warnings: 0	0.000 sec
10	11:32:40	SELECT * FROM SUPPLIERS LIMIT 0, 50000	4 row(s) returned	0.000 sec / 0.000 sec

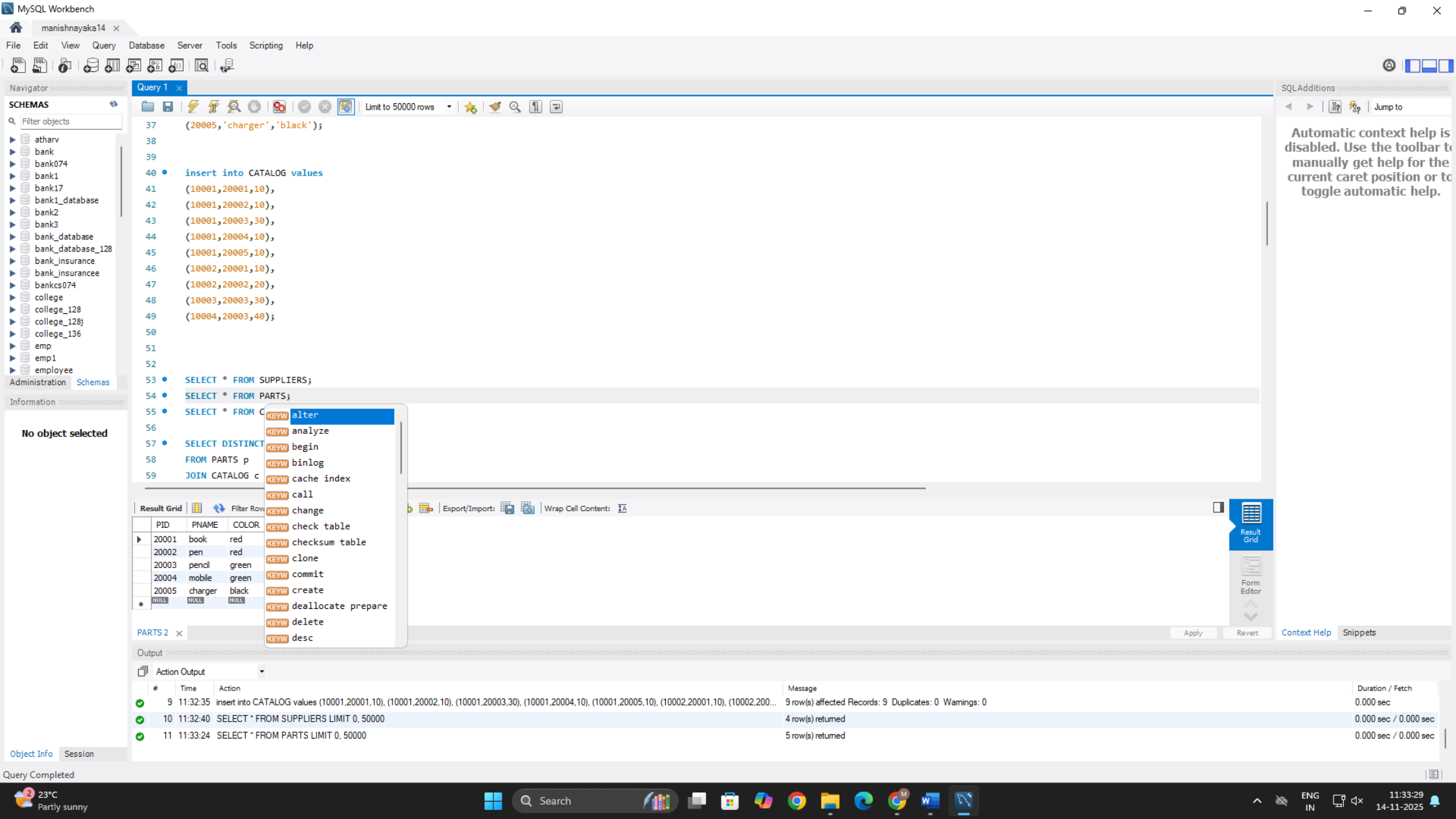
Query Completed

23°C Partly sunny

Search

ENG IN

11:33:12 14-11-2025


MySQL Workbench
manishnayaka14
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
atharv
bank
bank074
bank1
bank17
bank1_database
bank2
bank3
bank_database
bank_database_128
bank_insurance
bank_insurancee
bankcs074
college
college_128
college_128j
college_136
emp
emp1
employee
Administration Schemas
Information
No object selected
Object Info Session
Query 1
Limit to 50000 rows
37 (20005,'charger','black');
38
39
40 insert into CATALOG values
41 (10001,20001,10),
42 (10001,20002,10),
43 (10001,20003,30),
44 (10001,20004,10),
45 (10001,20005,10),
46 (10002,20001,10),
47 (10002,20002,20),
48 (10003,20003,30),
49 (10004,20003,40);
50
51
52
53 SELECT * FROM SUPPLIERS;
54 SELECT * FROM PARTS;
55 SELECT * FROM C
56
57 SELECT DISTINCT
58 FROM PARTS p
59 JOIN CATALOG c
KEYW alter
KEYW analyze
KEYW begin
KEYW binlog
KEYW cache index
KEYW call
KEYW change
KEYW check table
KEYW checksum table
KEYW clone
KEYW commit
KEYW create
KEYW deallocate prepare
KEYW delete
KEYW desc
Result Grid
Filter Rows
Export/Import:
Wrap Cell Content:
PID PNAME COLOR
20001 book red
20002 pen red
20003 pencil green
20004 mobile green
20005 charger black
NULL NULL NULL
Result Grid
Form Editor
PARTS 2
Apply
Revert
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help
Snippets
Output
Action Output
Time Action Message Duration / Fetch
9 11:32:35 insert into CATALOG values (10001,20001,10), (10001,20002,10), (10001,20003,30), (10001,20004,10), (10001,20005,10), (10002,20001,10), (10002,200... 9 row(s) affected Records: 9 Duplicates: 0 Warnings: 0 0.000 sec
10 11:32:40 SELECT * FROM SUPPLIERS LIMIT 0, 50000 4 row(s) returned 0.000 sec / 0.000 sec
11 11:33:24 SELECT * FROM PARTS LIMIT 0, 50000 5 row(s) returned 0.000 sec / 0.000 sec
Query Completed
23°C
Partly sunny
Search
ENG
IN
11:33:29
14-11-2025

MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- atharv
- bank
- bank074
- bank1
- bank17
- bank1_database
- bank2
- bank3
- bank_database
- bank_database_128
- bank_insurance
- bank_insurancee
- bankcs074
- college
- college_128
- college_128j
- college_136
- emp
- emp1
- employee

Administration Schemas

Information

No object selected

Object Info Session

Query 1

Limit to 50000 rows

```
37    (20005,'charger','black');
38
39
40 •  insert into CATALOG values
41    (10001,20001,10),
42    (10001,20002,10),
43    (10001,20003,30),
44    (10001,20004,10),
45    (10001,20005,10),
46    (10002,20001,10),
47    (10002,20002,20),
48    (10003,20003,30),
49    (10004,20003,40);
50
51
52
53 •  SELECT * FROM SUPPLIERS;
54 •  SELECT * FROM PARTS;
55 •  SELECT * FROM CATALOG;
56
57 •  SELECT DISTINCT p.PNAME
```

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

SID	PID	COST
10001	20001	10.00
10001	20002	10.00
10001	20003	30.00
10001	20004	10.00
10001	20005	10.00
10002	20001	10.00
10002	20002	20.00
10003	20003	30.00
10004	20003	40.00
NULL	NULL	NULL

Result Grid | Form Editor | Field Types

CATALOG 3

Apply Revert

SQLAdditions

Jump to

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

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
10	11:32:40	SELECT * FROM SUPPLIERS LIMIT 0, 50000	4 row(s) returned	0.000 sec / 0.000 sec
11	11:33:24	SELECT * FROM PARTS LIMIT 0, 50000	5 row(s) returned	0.000 sec / 0.000 sec
12	11:33:36	SELECT * FROM CATALOG LIMIT 0, 50000	9 row(s) returned	0.000 sec / 0.000 sec

Query Completed

23°C Partly sunny

Search

ENG IN

11:33:46 14-11-2025

MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- atharv
- bank
- bank074
- bank1
- bank17
- bank1_database
- bank2
- bank3
- bank_database
- bank_database_128
- bank_insurance
- bank_insurancee
- bankcs074
- college
- college_128
- college_128j
- college_136
- emp
- emp1
- employee

Administration Schemas

Information

No object selected

Object Info Session

Query 1

Limit to 50000 rows

```
49  (10004,20003,40);
50
51
52
53  SELECT * FROM SUPPLIERS;
54  SELECT * FROM PARTS;
55  SELECT * FROM CATALOG;
56
57  SELECT DISTINCT p.PNAME
58  FROM PARTS p
59  JOIN CATALOG c ON p.PID = c.PID;
60
61  SELECT s.SNAME
62  FROM SUPPLIERS s
63  WHERE NOT EXISTS (
64      SELECT p.PID
65      FROM PARTS p
66      WHERE NOT EXISTS (
67          SELECT *
68          FROM CATALOG c
69          WHERE c.SID = s.SID AND c.PID = p.PID
```

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

PNAME
book
pen
pencil
mobile
charger

Result Grid Form Editor Field Types

Result 4

Read Only

SQLAdditions

Jump to

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

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
11	11:33:24	SELECT * FROM PARTS LIMIT 0, 50000	5 row(s) returned	0.000 sec / 0.000 sec
12	11:33:36	SELECT * FROM CATALOG LIMIT 0, 50000	9 row(s) returned	0.000 sec / 0.000 sec
13	11:34:02	SELECT DISTINCT p.PNAME FROM PARTS p JOIN CATALOG c ON p.PID = c.PID LIMIT 0, 50000	5 row(s) returned	0.000 sec / 0.000 sec

Query Completed

23°C Partly sunny

Search

ENG IN

11:34:06 14-11-2025

MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- atharv
- bank
- bank074
- bank1
- bank17
- bank1_database
- bank2
- bank3
- bank_database
- bank_database_128
- bank_insurance
- bank_insurancee
- bankcs074
- college
- college_128
- college_128j
- college_136
- emp
- emp1
- employee

Administration Schemas

Information

No object selected

Object Info Session

Query 1

Limit to 50000 rows

```
55  SELECT * FROM CATALOG;
56
57  SELECT DISTINCT p.PNAME
58  FROM PARTS p
59  JOIN CATALOG c ON p.PID = c.PID;
60
61  SELECT s.SNAME
62  FROM SUPPLIERS s
63  WHERE NOT EXISTS (
64      SELECT p.PID
65      FROM PARTS p
66      WHERE NOT EXISTS (
67          SELECT *
68          FROM CATALOG c
69          WHERE c.SID = s.SID AND c.PID = p.PID
70      )
71  );
72
73  SELECT s.SNAME
74  FROM SUPPLIERS s
75  WHERE NOT EXISTS (
```

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

SNAME
acene widget

Result Grid

Form Editor

Field Types

SUPPLIERS 5

Read Only

SQLAdditions

Jump to

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

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
12	11:33:36	SELECT * FROM CATALOG LIMIT 0, 50000	9 row(s) returned	0.000 sec / 0.000 sec
13	11:34:02	SELECT DISTINCT p.PNAME FROM PARTS p JOIN CATALOG c ON p.PID = c.PID LIMIT 0, 50000	5 row(s) returned	0.000 sec / 0.000 sec
14	11:34:27	SELECT s.SNAME FROM SUPPLIERS s WHERE NOT EXISTS (SELECT p.PID FROM PARTS p WHERE NOT EXISTS (SELECT * F...	1 row(s) returned	0.000 sec / 0.000 sec

Query Completed

23°C Partly sunny

Search

ENG IN

11:34:29 14-11-2025

MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- atharv
- bank
- bank074
- bank1
- bank17
- bank1_database
- bank2
- bank3
- bank_database
- bank_database_128
- bank_insurance
- bank_insurancee
- bankcs074
- college
- college_128
- college_128j
- college_136
- emp
- emp1
- employee

Administration Schemas

Information

No object selected

Object Info Session

Query 1

Limit to 50000 rows

```
67          SELECT *
68          FROM CATALOG c
69          WHERE c.SID = s.SID AND c.PID = p.PID
70      )
71  );
72
73  SELECT s.SNAME
74  FROM SUPPLIERS s
75  WHERE NOT EXISTS (
76      SELECT p.PID
77      FROM PARTS p
78      WHERE p.COLOR = 'Red'
79      AND NOT EXISTS (
80          SELECT *
81          FROM CATALOG c
82          WHERE c.SID = s.SID AND c.PID = p.PID
83      )
84  );
85
86  SELECT p.PNAME
87  FROM PARTS p
```

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

SNAME
acene widget
johns

Result Grid | Form Editor | Field Types

SUPPLIERS 6

Read Only

SQLAdditions

Jump to

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

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
13	11:34:02	SELECT DISTINCT p.PNAME FROM PARTS p JOIN CATALOG c ON p.PID = c.PID LIMIT 0, 50000	5 row(s) returned	0.000 sec / 0.000 sec
14	11:34:27	SELECT s.SNAME FROM SUPPLIERS s WHERE NOT EXISTS (SELECT p.PID FROM PARTS p WHERE NOT EXISTS (SELECT * F...	1 row(s) returned	0.000 sec / 0.000 sec
15	11:34:39	SELECT s.SNAME FROM SUPPLIERS s WHERE NOT EXISTS (SELECT p.PID FROM PARTS p WHERE p.COLOR = 'Red' AND NOT EXIST...	2 row(s) returned	0.000 sec / 0.000 sec

Query Completed

23°C Partly sunny

Search

ENG IN

11:34:41 14-11-2025

MySQL Workbench

manishnayaka14

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- atharv
- bank
- bank074
- bank1
- bank17
- bank1_database
- bank2
- bank3
- bank_database
- bank_database_128
- bank_insurance
- bank_insurancee
- bankcs074
- college
- college_128
- college_128j
- college_136
- emp
- emp1
- employee

Administration Schemas

Information

No object selected

Object Info Session

Query 1

Limit to 50000 rows

```
82          WHERE c.SID = s.SID AND c.PID = p.PID
83      )
84  );
85
86  SELECT p.PNAME
87  FROM PARTS p
88  JOIN CATALOG c ON p.PID = c.PID
89  JOIN SUPPLIERS s ON c.SID = s.SID
90  WHERE s.SNAME = 'acene widget'
91  AND p.PID NOT IN (
92      SELECT c2.PID
93      FROM CATALOG c2
94      JOIN SUPPLIERS s2 ON c2.SID = s2.SID
95      WHERE s2.SNAME > 'acene widget'
96  );
97
98  SELECT DISTINCT c1.SID
99  FROM CATALOG c1
100 WHERE c1.COST > (
101     SELECT AVG(c2.COST)
102     FROM CATALOG c2
```

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

PNAME
mobile
charger

Result Grid Form Editor Field Types

Result 10

Read Only

SQLAdditions

Jump to

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

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
17	11:36:18	SELECT p.PNAME FROM PARTS p JOIN CATALOG c ON p.PID = c.PID JOIN SUPPLIERS s ON c.SID = s.SID WHERE s.SNAME = 'Acme Widget' AN...	0 row(s) returned	0.000 sec / 0.000 sec
18	11:41:20	SELECT p.PNAME FROM PARTS p JOIN CATALOG c ON p.PID = c.PID JOIN SUPPLIERS s ON c.SID = s.SID WHERE s.SNAME = 'acene widget' AN...	0 row(s) returned	0.000 sec / 0.000 sec
19	11:41:38	SELECT p.PNAME FROM PARTS p JOIN CATALOG c ON p.PID = c.PID JOIN SUPPLIERS s ON c.SID = s.SID WHERE s.SNAME = 'acene widget' AN...	2 row(s) returned	0.000 sec / 0.000 sec

Query Completed

23°C Partly sunny

Search

ENG IN

11:41:46 14-11-2025

MySQL Workbench

manishnayaka14

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- atharv
- bank
- bank074
- bank1
- bank17
- bank1_database
- bank2
- bank3
- bank_database
- bank_database_128
- bank_insurance
- bank_insurancee
- bankcs074
- college
- college_128
- college_128j
- college_136
- emp
- emp1
- employee

Administration Schemas

Information

No object selected

Object Info Session

Query 1

Limit to 50000 rows

```
86  SELECT p.PNAME
87  FROM PARTS p
88  JOIN CATALOG c ON p.PID = c.PID
89  JOIN SUPPLIERS s ON c.SID = s.SID
90  WHERE s.SNAME = 'acene widget'
91  AND p.PID NOT IN (
92      SELECT c2.PID
93      FROM CATALOG c2
94      JOIN SUPPLIERS s2 ON c2.SID = s2.SID
95      WHERE s2.SNAME > 'acene widget'
96  );
97
98  SELECT DISTINCT c1.SID
99  FROM CATALOG c1
100 WHERE c1.COST > (
101     SELECT AVG(c2.COST)
102     FROM CATALOG c2
103     WHERE c2.PID = c1.PID
104 );
105
106 SELECT p.PID, s.SNAME
```

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

SID
10002
10004

Result Grid Form Editor Field Types

CATALOG 14

Read Only

SQLAdditions

Jump to

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

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
21	11:42:57	SELECT p.PNAME, s.SNAME, c.COST FROM PARTS p JOIN CATALOG c ON p.PID = c.PID JOIN SUPPLIERS s ON c.SID = s.SID WHERE c.COST = (...	6 row(s) returned	0.000 sec / 0.000 sec
22	11:46:19	SELECT p.PID, s.SNAME FROM PARTS p JOIN CATALOG c ON p.PID = c.PID JOIN SUPPLIERS s ON c.SID = s.SID WHERE c.COST = (SELECT ...	6 row(s) returned	0.000 sec / 0.000 sec
23	11:46:53	SELECT DISTINCT c1.SID FROM CATALOG c1 WHERE c1.COST > (SELECT AVG(c2.COST) FROM CATALOG c2 WHERE c2.PID = c1.PID) ...	2 row(s) returned	0.000 sec / 0.000 sec

Query Completed

23°C Partly sunny

Search

ENG IN

11:47:02 14-11-2025

MySQL Workbench

manishnayaka14

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- atharv
- bank
- bank074
- bank1
- bank17
- bank1_database
- bank2
- bank3
- bank_database
- bank_database_128
- bank_insurance
- bank_insurancee
- bankcs074
- college
- college_128
- college_128j
- college_136
- emp
- emp1
- employee

Administration Schemas

Information

No object selected

Object Info Session

Query 1

Limit to 50000 rows

```
101     SELECT AVG(c2.COST)
102     FROM CATALOG c2
103     WHERE c2.PID = c1.PID
104 );
105
106 SELECT p.PID, s.SNAME
107 FROM PARTS p
108 JOIN CATALOG c ON p.PID = c.PID
109 JOIN SUPPLIERS s ON c.SID = s.SID
110 WHERE c.COST = (
111     SELECT MAX(c2.COST)
112     FROM CATALOG c2
113     WHERE c2.PID = p.PID
114 );
115
116
117
118 SELECT P.PID, P.PNAME, C.COST, S.SID, S.SNAME
119 FROM CATALOG C
120 JOIN PARTS P ON C.PID = P.PID
121 JOIN SUPPLIERS S ON C.SID = S.SID
```

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

PID	SNAME
20001	acene widget
20004	acene widget
20005	acene widget
20001	johns
20002	johns
20003	reliance

Result Grid Form Editor Field Types

Result 15

Read Only

SQLAdditions

Jump to

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

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
22	11:46:19	SELECT p.PID, s.SNAME FROM PARTS p JOIN CATALOG c ON p.PID = c.PID JOIN SUPPLIERS s ON c.SID = s.SID WHERE c.COST = (SELECT ...	6 row(s) returned	0.000 sec / 0.000 sec
23	11:46:53	SELECT DISTINCT c1.SID FROM CATALOG c1 WHERE c1.COST > (SELECT AVG(c2.COST) FROM CATALOG c2 WHERE c2.PID = c1.PID) ...	2 row(s) returned	0.000 sec / 0.000 sec
24	11:47:10	SELECT p.PID, s.SNAME FROM PARTS p JOIN CATALOG c ON p.PID = c.PID JOIN SUPPLIERS s ON c.SID = s.SID WHERE c.COST = (SELECT ...	6 row(s) returned	0.000 sec / 0.000 sec

Query Completed

23°C Partly sunny

Search

ENG IN

11:47:12 14-11-2025

MySQL Workbench

manishnayaka14

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- atharv
- bank
- bank074
- bank1
- bank17
- bank1_database
- bank2
- bank3
- bank_database
- bank_database_128
- bank_insurance
- bank_insurancee
- bankcs074
- college
- college_128
- college_128j
- college_136
- emp
- emp1
- employee

Administration Schemas

Information

No object selected

Object Info Session

Query 1

Limit to 50000 rows

```
110 WHERE c.COST = (
111     SELECT MAX(c2.COST)
112     FROM CATALOG c2
113     WHERE c2.PID = p.PID
114 );
115
116
117
118 SELECT P.PID, P.PNAME, C.COST, S.SID, S.SNAME
119 FROM CATALOG C
120 JOIN PARTS P ON C.PID = P.PID
121 JOIN SUPPLIERS S ON C.SID = S.SID
122 WHERE C.COST = (SELECT MAX(COST) FROM CATALOG);
123
124 SELECT *
125 FROM SUPPLIERS S
126 WHERE S.SID NOT IN (
127     SELECT C.SID
128     FROM CATALOG C
129     JOIN PARTS P ON C.PID = P.PID
130     WHERE P.COLOR = 'red'
```

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

PID	PNAME	COST	SID	SNAME
20003	pencil	40.00	10004	reliance

Result Grid Form Editor Field Types

Result 16

Read Only

SQLAdditions

Jump to

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

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
23	11:46:53	SELECT DISTINCT c1.SID FROM CATALOG c1 WHERE c1.COST > (SELECT AVG(c2.COST) FROM CATALOG c2 WHERE c2.PID = c1.PID) ...	2 row(s) returned	0.000 sec / 0.000 sec
24	11:47:10	SELECT p.PID, s.SNAME FROM PARTS p JOIN CATALOG c ON p.PID = c.PID JOIN SUPPLIERS s ON c.SID = s.SID WHERE c.COST = (SELECT ...	6 row(s) returned	0.000 sec / 0.000 sec
25	11:47:21	SELECT P.PID, P.PNAME, C.COST, S.SID, S.SNAME FROM CATALOG C JOIN PARTS P ON C.PID = P.PID JOIN SUPPLIERS S ON C.SID = S.SID W...	1 row(s) returned	0.000 sec / 0.000 sec

Query Completed

23°C Partly sunny

Search

ENG IN 11:47:22 14-11-2025

MySQL Workbench

manishnayaka14

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- atharv
- bank
- bank074
- bank1
- bank17
- bank1_database
- bank2
- bank3
- bank_database
- bank_database_128
- bank_insurance
- bank_insurancee
- bankcs074
- college
- college_128
- college_128j
- college_136
- emp
- emp1
- employee

Administration Schemas

Information

No object selected

Object Info Session

Query 1

Limit to 50000 rows

```
116
117
118 •  SELECT P.PID, P.PNAME, C.COST, S.SID, S.SNAME
119    FROM CATALOG C
120    JOIN PARTS P ON C.PID = P.PID
121    JOIN SUPPLIERS S ON C.SID = S.SID
122    WHERE C.COST = (SELECT MAX(COST) FROM CATALOG);
123
124 •  SELECT *
125    FROM SUPPLIERS S
126    WHERE S.SID NOT IN (
127        SELECT C.SID
128        FROM CATALOG C
129        JOIN PARTS P ON C.PID = P.PID
130        WHERE P.COLOR = 'red'
131    );
132
133 •  SELECT S.SID, S.SNAME, SUM(C.COST) AS TOTAL_VALUE
134    FROM SUPPLIERS S
135    LEFT JOIN CATALOG C ON S.SID = C.SID
136    GROUP BY S.SID, S.SNAME;
```

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

SID	SNAME	CITY
10003	vimal	mumbai
10004	reliance	delhi
NULL	NULL	NULL

Result Grid | Form Editor | Field Types

SUPPLIERS 19

Apply Revert

SQLAdditions

Jump to

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

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
26	11:47:27	SELECT * FROM SUPPLIERS S WHERE S.SID NOT IN (SELECT C.SID FROM CATALOG C JOIN PARTS P ON C.PID = P.PID WHERE P.C...	2 row(s) returned	0.000 sec / 0.000 sec
27	11:48:02	SELECT P.PID, P.PNAME, C.COST, S.SID, S.SNAME FROM CATALOG C JOIN PARTS P ON C.PID = P.PID JOIN SUPPLIERS S ON C.SID = S.SID W...	1 row(s) returned	0.000 sec / 0.000 sec
28	11:48:05	SELECT * FROM SUPPLIERS S WHERE S.SID NOT IN (SELECT C.SID FROM CATALOG C JOIN PARTS P ON C.PID = P.PID WHERE P.C...	2 row(s) returned	0.000 sec / 0.000 sec

Query Completed

23°C Partly sunny

Search

ENG IN

11:48:06 14-11-2025

MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- atharv
- bank
- bank074
- bank1
- bank17
- bank1_database
- bank2
- bank3
- bank_database
- bank_database_128
- bank_insurance
- bank_insurancee
- bankcs074
- college
- college_128
- college_128j
- college_136
- emp
- emp1
- employee

Administration Schemas

Information

No object selected

Object Info Session

Query 1

Limit to 50000 rows

```
122  WHERE C.COST = (SELECT MAX(COST) FROM CATALOG);
123
124  SELECT *
125  FROM SUPPLIERS S
126  WHERE S.SID NOT IN (
127      SELECT C.SID
128      FROM CATALOG C
129      JOIN PARTS P ON C.PID = P.PID
130      WHERE P.COLOR = 'red'
131  );
132
133  SELECT S.SID, S.SNAME, SUM(C.COST) AS TOTAL_VALUE
134  FROM SUPPLIERS S
135  LEFT JOIN CATALOG C ON S.SID = C.SID
136  GROUP BY S.SID, S.SNAME;
137
138  SELECT S.SID, S.SNAME
139  FROM SUPPLIERS S
140  JOIN CATALOG C ON S.SID = C.SID
141  WHERE C.COST < 20
142  GROUP BY S.SID, S.SNAME
```

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

SID	SNAME	TOTAL_VALUE
10001	acene widget	70.00
10002	johns	30.00
10003	vimal	30.00
10004	reliance	40.00

Result Grid | Form Editor | Field Types

Result 20

Read Only

SQLAdditions

Jump to

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

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
27	11:48:02	SELECT P.PID, P.PNAME, C.COST, S.SID, S.SNAME FROM CATALOG C JOIN PARTS P ON C.PID = P.PID JOIN SUPPLIERS S ON C.SID = S.SID W...	1 row(s) returned	0.000 sec / 0.000 sec
28	11:48:05	SELECT * FROM SUPPLIERS S WHERE S.SID NOT IN (SELECT C.SID FROM CATALOG C JOIN PARTS P ON C.PID = P.PID WHERE P.C...	2 row(s) returned	0.000 sec / 0.000 sec
29	11:48:15	SELECT S.SID, S.SNAME, SUM(C.COST) AS TOTAL_VALUE FROM SUPPLIERS S LEFT JOIN CATALOG C ON S.SID = C.SID GROUP BY S.SID, S.S...	4 row(s) returned	0.000 sec / 0.000 sec

Query Completed

23°C Partly sunny

Search

ENG IN

11:48:18 14-11-2025

MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- atharv
- bank
- bank074
- bank1
- bank17
- bank1_database
- bank2
- bank3
- bank_database
- bank_database_128
- bank_insurance
- bank_insurancee
- bankcs074
- college
- college_128
- college_128j
- college_136
- emp
- emp1
- employee

Administration Schemas

Information

No object selected

Object Info Session

Query 1

Limit to 50000 rows

```
128     FROM CATALOG C
129     JOIN PARTS P ON C.PID = P.PID
130     WHERE P.COLOR = 'red'
131 );
132
133 SELECT S.SID, S.SNAME, SUM(C.COST) AS TOTAL_VALUE
134 FROM SUPPLIERS S
135 LEFT JOIN CATALOG C ON S.SID = C.SID
136 GROUP BY S.SID, S.SNAME;
137
138 SELECT S.SID, S.SNAME
139 FROM SUPPLIERS S
140 JOIN CATALOG C ON S.SID = C.SID
141 WHERE C.COST < 20
142 GROUP BY S.SID, S.SNAME
143 HAVING COUNT(*) >= 2;
144
145 SELECT C.SID, S.SNAME, C.PID, P.PNAME, C.COST
146 FROM CATALOG C
147 JOIN SUPPLIERS S ON C.SID = S.SID
148 JOIN PARTS P ON C.PID = P.PID
```

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

SID	SNAME
10001	acene widget

Result Grid Form Editor Field Types

Result 21

Read Only

SQLAdditions

Jump to

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

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
28	11:48:05	SELECT * FROM SUPPLIERS S WHERE S.SID NOT IN (SELECT C.SID FROM CATALOG C JOIN PARTS P ON C.PID = P.PID WHERE P.C...	2 row(s) returned	0.000 sec / 0.000 sec
29	11:48:15	SELECT S.SID, S.SNAME, SUM(C.COST) AS TOTAL_VALUE FROM SUPPLIERS S LEFT JOIN CATALOG C ON S.SID = C.SID GROUP BY S.SID, S.S...	4 row(s) returned	0.000 sec / 0.000 sec
30	11:48:23	SELECT S.SID, S.SNAME FROM SUPPLIERS S JOIN CATALOG C ON S.SID = C.SID WHERE C.COST < 20 GROUP BY S.SID, S.SNAME HAVING CO...	1 row(s) returned	0.000 sec / 0.000 sec

Query Completed

23°C Partly sunny

Search

ENG IN 11:48:26 14-11-2025

MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- atharv
- bank
- bank074
- bank1
- bank17
- bank1_database
- bank2
- bank3
- bank_database
- bank_database_128
- bank_insurance
- bank_insurancee
- bankcs074
- college
- college_128
- college_128j
- college_136
- emp
- emp1
- employee

Administration Schemas

Information

No object selected

Object Info Session

Query 1

Limit to 50000 rows

```
137
138 •  SELECT S.SID, S.SNAME
139    FROM SUPPLIERS S
140    JOIN CATALOG C ON S.SID = C.SID
141    WHERE C.COST < 20
142    GROUP BY S.SID, S.SNAME
143    HAVING COUNT(*) >= 2;
144
145 •  SELECT C.SID, S.SNAME, C.PID, P.PNAME, C.COST
146    FROM CATALOG C
147    JOIN SUPPLIERS S ON C.SID = S.SID
148    JOIN PARTS P ON C.PID = P.PID
149    WHERE (C.PID, C.COST) IN (
150        SELECT PID, MIN(COST)
151        FROM CATALOG
152        GROUP BY PID
153    );
154
155 •  CREATE VIEW supplier_part_count AS
156    SELECT S.SID, S.SNAME, COUNT(C.PID) AS TOTAL_PARTS
157    FROM SUPPLIERS S
```

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

SID	SNAME	PID	PNAME	COST
10001	acene widget	20001	book	10.00
10001	acene widget	20002	pen	10.00
10001	acene widget	20003	pencil	30.00
10001	acene widget	20004	mobile	10.00
10001	acene widget	20005	charger	10.00
10002	johns	20001	book	10.00
10003	vimal	20003	pencil	30.00

Result Grid | Form Editor | Field Types

Result 22

Read Only

SQLAdditions

Jump to

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

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
29	11:48:15	SELECT S.SID, S.SNAME, SUM(C.COST) AS TOTAL_VALUE FROM SUPPLIERS S LEFT JOIN CATALOG C ON S.SID = C.SID GROUP BY S.SID, S.S...	4 row(s) returned	0.000 sec / 0.000 sec
30	11:48:23	SELECT S.SID, S.SNAME FROM SUPPLIERS S JOIN CATALOG C ON S.SID = C.SID WHERE C.COST < 20 GROUP BY S.SID, S.SNAME HAVING CO...	1 row(s) returned	0.000 sec / 0.000 sec
31	11:48:34	SELECT C.SID, S.SNAME, C.PID, P.PNAME, C.COST FROM CATALOG C JOIN SUPPLIERS S ON C.SID = S.SID JOIN PARTS P ON C.PID = P.PID W...	7 row(s) returned	0.000 sec / 0.000 sec

Query Completed

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Search

ENG IN

11:48:36 14-11-2025

MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- atharv
- bank
- bank074
- bank1
- bank17
- bank1_database
- bank2
- bank3
- bank_database
- bank_database_128
- bank_insurance
- bank_insurancee
- bankcs074
- college
- college_128
- college_128j
- college_136
- emp
- emp1
- employee

Administration Schemas

Information

No object selected

Object Info Session

Query 1

Limit to 50000 rows

```
139     FROM SUPPLIERS S
140     JOIN CATALOG C ON S.SID = C.SID
141     WHERE C.COST < 20
142     GROUP BY S.SID, S.SNAME
143     HAVING COUNT(*) >= 2;
144
145     SELECT C.SID, S.SNAME, C.PID, P.PNAME, C.COST
146     FROM CATALOG C
147     JOIN SUPPLIERS S ON C.SID = S.SID
148     JOIN PARTS P ON C.PID = P.PID
149     WHERE (C.PID, C.COST) IN (
150         SELECT PID, MIN(COST)
151         FROM CATALOG
152         GROUP BY PID
153     );
154
155     CREATE VIEW supplier_part_count AS
156     SELECT S.SID, S.SNAME, COUNT(C.PID) AS TOTAL_PARTS
157     FROM SUPPLIERS S
158     LEFT JOIN CATALOG C ON S.SID = C.SID
159     GROUP BY S.SID, S.SNAME;
160
161     CREATE VIEW most_expensive_supplier_per_part AS
162     SELECT C.SID, S.SNAME, C.PID, P.PNAME, C.COST
163     FROM CATALOG C
164     JOIN SUPPLIERS S ON C.SID = S.SID
165     JOIN PARTS P ON C.PID = P.PID
166     WHERE (C.PID, C.COST) IN (
167         SELECT PID, MAX(COST)
168         FROM CATALOG
169         GROUP BY PID
170     );
```

SQLAdditions

Jump to

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

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
32	11:48:41	CREATE VIEW supplier_part_count AS SELECT S.SID, S.SNAME, COUNT(C.PID) AS TOTAL_PARTS FROM SUPPLIERS S LEFT JOIN CATALOG C O...	0 row(s) affected	0.000 sec
33	11:48:45	CREATE VIEW supplier_part_count AS SELECT S.SID, S.SNAME, COUNT(C.PID) AS TOTAL_PARTS FROM SUPPLIERS S LEFT JOIN CATALOG C O...	Error Code: 1050. Table 'supplier_part_count' already exists	0.000 sec
34	11:48:49	CREATE VIEW most_expensive_supplier_per_part AS SELECT C.SID, S.SNAME, C.PID, P.PNAME, C.COST FROM CATALOG C JOIN SUPPLIERS S O...	0 row(s) affected	0.000 sec

Query Completed

23°C Partly sunny

Search

ENG IN

11:48:53 14-11-2025