MySQL Workbench — Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator — SQL File 4*

MANAGEMENT
- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE
- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE
- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas
Information

No object selected

Limit to 50000 rows

```sql
1   create database supplier;
2   use supplier;
3   create table suplier(sid int , sname varchar(20),city varchar(30),primary key(sid));
4   create table parts (pid int, pname varchar(30),color varchar(20),primary key(pid));
5   create table catalog (sid int, pid int, cost decimal(10), primary key(sid , pid),
6       foreign key (sid) references suplier(sid),foreign key(pid) references parts(pid));
7   insert into suplier values(10001 , 'Achme widget','bangaluru'),(10002 , 'Johns','kolkata'),
8   (10003 , 'Vimal','mumbai'),(10004 , 'Reliance','delhi');
9   insert into parts values(20001,'Book','Red'),(20002,'pen','Red'),
10  (20003,'pencil','green'),(20004,'mobile','green'),(20005,'charger','black');
11  insert into catalog values( 10001,20001,10),(10001,20002,10),(10001,20003,30),
12  (10001,20004,10),(10001,20005,10),(10002,20001,10),(10002,20002,20),(10003,20003,30),
13  (10004,20003,40);
14  select * from suplier;
15  select * from parts;
16  select * from catalog;
17  select distinct pname from parts p join catalog c where p.pid=c.pid;
18  select s.sname from suppliers s join catalog c on s.sid = c.sid
19  join parts p on c.pid = p.pid group by s.sid, s.sname having count(distinct p.pid) = (select cou
20
21  select s.sname from suppliers s join catalog c on s.sid = c.sid join parts p on c.pid = p.pid
22  where p.color = 'red' group by s.sid, s.sname having count(distinct p.pid) = (
23  select count(*) from parts where color = 'red');
24
25  select p.pname from parts p join catalog c on p.pid = c.pid join suplier s on c.sid = s.sid
26  group by p.pid, p.pname having count(distinct s.sid) = 1 and max(s.sname) = 'Achme widget';
27
28  select distinct c.sid from catalog c join (select pid, avg(cost) as avg_cost
29  from catalog group by pid) avg_table on c.pid = avg_table.pid
30  where c.cost > avg_table.avg_cost;
31
32  select p.pid, s.sname from parts p join catalog c on p.pid = c.pid
33  join suplier s on c.sid = s.sid
34  where c.cost = (select max(c2.cost)from catalog c2 where c2.pid = p.pid);
35
```

```sql
17  select distinct pname from parts p join catalog c where p.pid=c.pid;
18  select s.sname from suppliers s join catalog c on s.sid = c.sid
19  join parts p on c.pid = p.pid group by s.sid, s.sname having count(distinct p.pid) = (select cou
20
```

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

pname
Book
pen
pencil
mobile
charger

Result Grid
Form Editor
Field Types
Query

```
21 ●    select s.sname from suplier s join catalog c on s.sid = c.sid join parts p on c.pid = p.pid
```

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

sname
► Achme widget
Johns

```
25 ●    select p.pname from parts p join catalog c on p.pid = c.pid join suplier s on c.sid = s.sid
26      group by p.pid, p.pname having count(distinct s.sid) = 1 and max(s.sname) = 'Achme widget';
27
```

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

pname
► mobile
charger

-

```
28   select distinct c.sid from catalog c join (select pid, avg(cost) as avg_cost
29   from catalog group by pid) avg_table on c.pid = avg_table.pid
30   where c.cost > avg_table.avg_cost;
```

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

sid
10002
10004

-

```
32   select p.pid, s.sname from parts p join catalog c on p.pid = c.pid
33   join suplier s on c.sid = s.sid
34   where c.cost = (select max(c2.cost)from catalog c2 where c2.pid = p.pid);
```

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

pid	sname
20001	Achme widget
20004	Achme widget
20005	Achme widget
20001	Johns
20002	Johns
20003	Reliance

Result Grid

Form Editor

Field Types

Query