

```
rid
41      (10004,20003,40);
42
43 •   select * from SUPPLIERS;
44 •   select *from PARTS;
45 •   select *from CATALOG;
46
```

Result Grid | Filter Rows: | Edit: | Export/

	sid	sname	city
▶	10001	Acme Widget	Banglore
	10002	Johns	Kolkata
	10003	Vimal	Mumbai
	10004	Reliance	Delhi
*	10005	Mahindra	Mumbai
	NULL	NULL	NULL

SUPPLIERS 2 x

```

3 •  create table SUPPLIERS(sid integer(5) primary key, sname
4   varchar(20));
5 •  desc SUPPLIERS;
6 •  drop table suppliers;
7 •  insert into suppliers values
8    (10001,'Acme Widget','Bangalore'),
9    (10002,'Johns','Kolkata'),
10   (10003,'Vimal','Mumbai'),
11   (10004,'Reliance','Delhi'),
12   (10005,'Mahindra','Mumbai');
13 •  create table PARTS
14   (pid integer(5) primary key,
15    pname varchar(20),
16    color varchar(10));
17 •  desc PARTS;
18 •  insert into PARTS values
19    (20001,'Book','Red' ),
20    (20002,'Pen','Red' ),
21    (20003,'Pencil','Green' ),
22    (20004,'Mobile','Green' ),

```

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

	Field	Type	Null	Key	Default	Extra
▶	sid	int	NO	PRI	NULL	
	sname	varchar(20)	YES		NULL	
	city	varchar(20)	YES		NULL	

Result 3

helloworld      35      (10001,20001,10),  
 insurance      36      (10001,20003,30),  
 lab4      37      (10001,20004,10),  
 newdatabase      38      (10001,20005,10),  
 poorvi      39      (10002,20001,10),  
 sakila      40      (10002,20002,20),  
 sys      41      (10003,20003,30),  
 vehicleinsurarc      42      (10004,20003,40);  
 world

---

Administrati      43  
 Information :::::::::::::  
**No object selected**

---

**SUPPLIERS 4** x

	sid	sname	city
▶	10001	Acme Widget	Bangalore
	10002	Johns	Kolkata
	10003	Vimal	Mumbai
	10004	Reliance	Delhi
	10005	Mahindra	Mumbai
*	NULL	NULL	NULL

Output :::::::::::::

Action Output

#	Time	Action
42	(10004,20003,40);	
43		
44	select * from SUPPLIERS;	
45	select *from PARTS;	
46	select *from CATALOG;	
47		

---

**PARTS 5** x

	pid	pname	color
▶	20001	Book	Red
	20002	Pen	Red
	20003	Pencil	Green
	20004	Mobile	Green
	20005	Charger	Black
*	NULL	NULL	NULL

```

41      (10005,20005,50),
42      (10004,20003,40);
43
44 •   select * from SUPPLIERS;
45 •   select *from PARTS;
46 •   select *from CATALOG;
47

```

**Result Grid** | Filter Rows: \_\_\_\_\_ | Edit:

	sid	pid	cost
▶	10001	20001	10
	10001	20002	10
	10001	20003	30
	10001	20004	10
	10001	20005	10
	10002	20001	10

CATALOG 6 ×

**Output** :::::::::::::::::::::

```

44 •   select * from SUPPLIERS;
45 •   select *from PARTS;
46 •   select *from CATALOG;
47 •   SELECT DISTINCT P.pname
48     FROM Parts P, Catalog C
49     WHERE P.pid = C.pid;

```

**Result Grid** | Filter Rows: \_\_\_\_\_ | Export:

	pname
▶	Book
	Pen
	Pencil
	Mobile
	Charger

Result 7 ×

**Output** :::::::::::::::::::::

Action Output

```
14      48      FROM Parts P, Catalog C
wdatabase 49      WHERE P.pid = C.pid;
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cila
s
nicleinsurar
nicleinsurar
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on .....
object
ted
```

Result Grid | Filter Rows: | Export:

	sname
▶	Acme Widget

```
56      56      ( SELECT count(C.pid)
1      57      FROM Catalog C
ase 58      WHERE C.sid = S.sid ));
59      59      • SELECT S.sname
urar 60      FROM Suppliers S
urar 61      WHERE
urar 62      ( ( SELECT count(P.pid)
urar 63      FROM Parts P where color='Red' ) =
urar 64      ( SELECT count(C.pid)
urar 65      FROM Catalog C, Parts P
urar 66      WHERE C.sid = S.sid AND
urar 67      C.pid = P.pid AND P.color = 'Red' ) );
urar 68
urar 69
```

Result Grid | Filter Rows: | Export: | Wrap C

	sname
▶	Acme Widget
	Johns

Suppliers 9 x

```

base   66      WHERE C.sid = S.sid AND
67      C.pid = P.pid AND P.color = 'Red' ));
68 •  SELECT P.pname
isurar 69      FROM Parts P, Catalog C, Suppliers S
isurar 70      WHERE P.pid = C.pid AND C.sid = S.sid
71      AND S.sname = 'Acme Widget'
72      AND NOT EXISTS ( SELECT *
isurar
73
74      FROM Catalog C1, Suppliers S1
75      WHERE P.pid = C1.pid AND C1.sid = S1.sid AND
76      S1.sname <> 'Acme Widget');

```

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

	pname
▶	Mobile
	Charger

```

isurard
nicleinsurard
rd
75      WHERE P.pid = C1.pid AND C1.sid = S1.sid AND
76      S1.sname <> 'Acme Widget');
77 •  SELECT DISTINCT C.sid FROM Catalog C
78      WHERE C.cost >( SELECT AVG (C1.cost)
79      FROM Catalog C1
80      WHERE C1.pid = C.pid );
81
82

```

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

	sid
▶	10002
	10004

```
79      | FROM Catalog C1
80      | WHERE C1.pid = C.pid );
81 •  SELECT P.pid, S.sname
82      | FROM Parts P, Suppliers S, Catalog C
83      | WHERE C.pid = P.pid
84      | AND C.sid = S.sid
85      | AND C.cost = (SELECT MAX(C1.cost)
86      | FROM Catalog C1
87      | WHERE C1.pid = P.pid);
88
89
```

object  
ed

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

	pid	sname
▶	20001	Acme Widget
	20001	Johns
	20002	Johns
	20003	Reliance
	20004	Acme Widget
	20005	Acme Widget

Result 12 ×

Output :::::::::::::::::::::