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create database Supplier;
use Supplier;
create table supplier (sid varchar(10) primary key,sname varchar(30),city varchar(30));
create table parts (pid varchar(10) primary key,pname varchar(30),color varchar(20));
create table catlog (sid varchar(10), pid varchar(10), cost double,
foreign key(sid) references supplier(sid),foreign key(pid) references parts(pid));
insert into supplier values ('S1',"Raghav Traders","Mmbai"),('S2',"Mehta Supplies",'Ahmedabad'),
('S3','Kumar Industries','Bengaluru'),('S4','Sharma exports','Delhi'),('S5','Nair Enterprises','Kochi');
insert into parts values('P1','steel Bolt','Silver'),('P2','Copper Nut','Brown'),('P3','Iron Rod','Grey'),
('P4','Plastic Gear','Black'),('P5','Brass Plate','Gold');
insert into catlog values ('S1','P3',120),('S2','P1',45),('S3','P5',260),('S4','P2',35),('S5','P4',80);

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22 • select p.pname from parts p,supplier s,catlog c
23     where p.pid=c.pid and c.sid=s.sid and sname='Mehta Supplies';
24
25

```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
pname			
▶ steel Bolt			

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2 • update parts
3   set color='Red'
4   where pid='P2';
5
6 • update parts
7   set color="Red"
8   where pid='P4';

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25 • select c.sid from catlog c
26     where cost > (select avg(cost)
27                   from catlog a
28                   where c.pid=a.pid
29                   group by pid);

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Result Grid	Filter Rows:	Exp
sid		
▶ S1		

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15 • select p.pname,s.sid,s.sname from supplier s,parts p,catlog c
16     where p.pid=c.pid and c.sid=s.sid and p.color='Red';

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Result Grid   Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 			
	pname	sid	sname
▶	Copper Nut	S4	Sharma exports
	Plastic Gear	S5	Nair Enterprises

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45 • select s.sid,s.sname,c.pid from supplier s,catlog c
46     where s.sid=c.sid and c.cost = (select max(cost)
47                                     from catlog a
48                                     where a.pid=c.pid
49                                     group by pid);
50

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Result Grid   Filter Rows: <input type="text"/> Export:  Wrap Cell Center			
	sid	sname	pid
▶	S1	Raghav Traders	P3
	S2	Mehta Supplies	P1
	S3	Kumar Industries	P5
	S4	Sharma exports	P2
	S5	Nair Enterprises	P4





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12 • select p.pname,s.sid,s.sname from supplier s,parts p,catlog c
13     where p.pid=c.pid and c.sid=s.sid;

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14

Result Grid   Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 			
	pname	sid	sname
▶	Iron Rod	S1	Raghav Traders
	steel Bolt	S2	Mehta Supplies
	Brass Plate	S3	Kumar Industries
	Copper Nut	S4	Sharma exports
	Plastic Gear	S5	Nair Enterprises