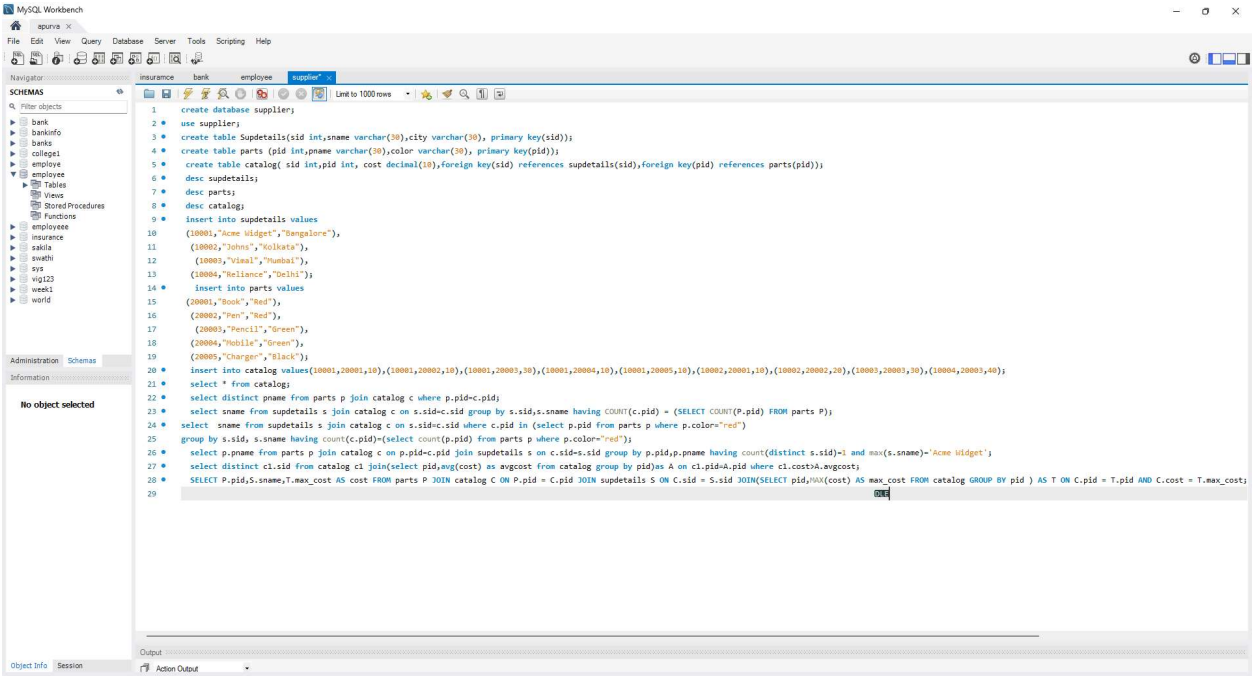
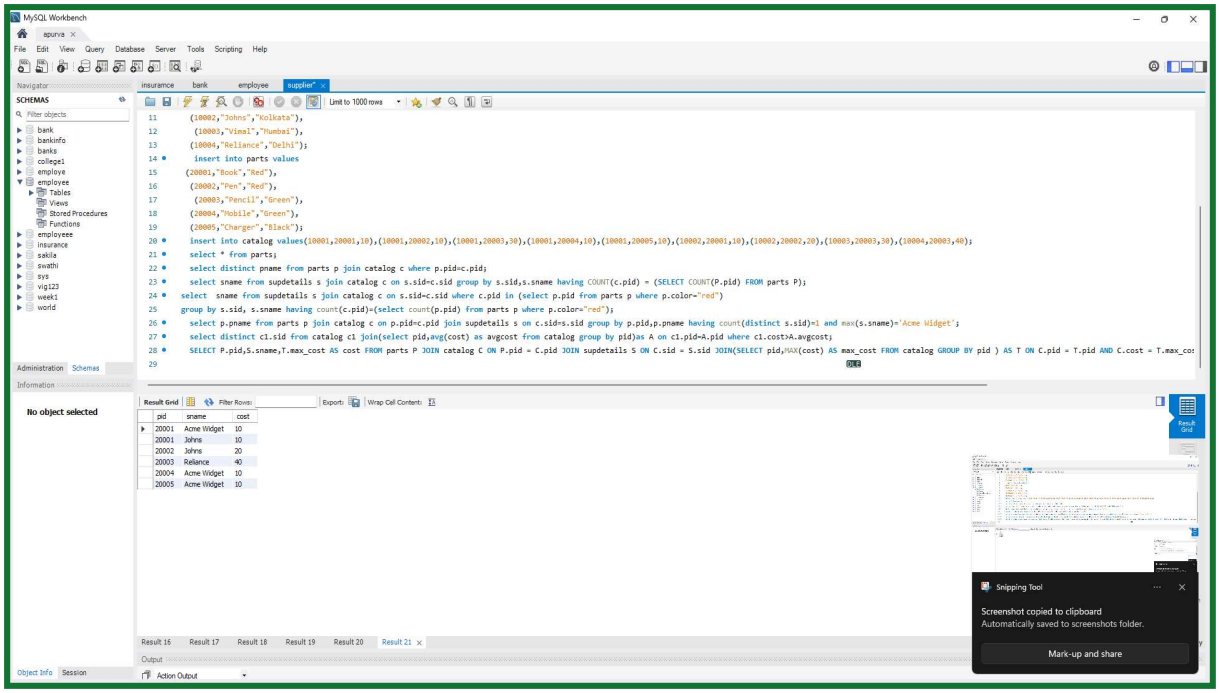

MySQL Workbench
apurva
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
bank
bankinfo
banks
college1
employe
employee
Tables
Views
Stored Procedures
Functions
employeee
insurance
sakila
swathi
sys
vig123
week1
world
Administration Schemas
Information
No object selected
Object Info Session
insurance bank employee supplier*
Limit to 1000 rows
create database supplier;
use supplier;
create table Supdetails(sid int,sname varchar(30),city varchar(30), primary key(sid));
create table parts (pid int,pname varchar(30),color varchar(30), primary key(pid));
create table catalog(sid int,pid int, cost decimal(10),foreign key(sid) references supdetails(sid),foreign key(pid) references parts(pid));
desc supdetails;
desc parts;
desc catalog;
insert into supdetails values
(10001,"Acme Widget","Bangalore"),
(10002,"Johns","Kolkata"),
(10003,"Vimal","Mumbai"),
(10004,"Reliance","Delhi");
insert into parts values
(20001,"Book","Red"),
(20002,"Pen","Red"),
(20003,"Pencil","Green"),
(20004,"Mobile","Green"),
(20005,"Charger","Black");
insert into catalog values(10001,20001,10),(10001,20002,10),(10001,20003,30),(10001,20004,10),(10001,20005,10),(10002,20001,10),(10002,20002,20),(10003,20003,30),(10004,20003,40);
select * from catalog;
select distinct pname from parts p join catalog c where p.pid=c.pid;
select sname from supdetails s join catalog c on s.sid=c.sid group by s.sid,s.sname having COUNT(c.pid) = (SELECT COUNT(P.pid) FROM parts P);
select sname from supdetails s join catalog c on s.sid=c.sid where c.pid in (select p.pid from parts p where p.color="red")
group by s.sid, s.sname having count(c.pid)=(select count(p.pid) from parts p where p.color="red");
select p.pname from parts p join catalog c on p.pid=c.pid join supdetails s on c.sid=s.sid group by p.pid,p.pname having count(distinct s.sid)=1 and max(s.sname)='Acme Widget';
select distinct c1.sid from catalog c1 join(select pid,avg(cost) as avgcost from catalog group by pid)as A on c1.pid=A.pid where c1.cost>A.avgcost;
SELECT P.pid,S.sname,T.max_cost AS cost FROM parts P JOIN catalog C ON P.pid = C.pid JOIN supdetails S ON C.sid = S.sid JOIN(SELECT pid,MAX(cost) AS max_cost FROM catalog GROUP BY pid) AS T ON C.pid = T.pid AND C.cost = T.max_cost;
Output
Action Output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apurva
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
bank
bankinfo
banks
college1
employe
employee
Tables
Views
Stored Procedures
Functions
employeee
insurance
sakila
swathi
sys
vig123
week1
world
Administration Schemas
Information
No object selected
Object Info Session
insurance bank employee supplier*
Limit to 1000 rows
(10002,"Johns","Kolkata"),
(10003,"Vimal","Mumbai"),
(10004,"Reliance","Delhi");
insert into parts values
(20001,"Book","Red"),
(20002,"Pen","Red"),
(20003,"Pencil","Green"),
(20004,"Mobile","Green"),
(20005,"Charger","Black");
insert into catalog values(10001,20001,10),(10001,20002,10),(10001,20003,30),(10001,20004,10),(10001,20005,10),(10002,20001,10),(10002,20002,20),(10003,20003,30),(10004,20003,40);
select * from parts;
select distinct pname from parts p join catalog c where p.pid=c.pid;
select sname from supdetails s join catalog c on s.sid=c.sid group by s.sid,s.sname having COUNT(c.pid) = (SELECT COUNT(P.pid) FROM parts P);
select sname from supdetails s join catalog c on s.sid=c.sid where c.pid in (select p.pid from parts p where p.color="red")
group by s.sid, s.sname having count(c.pid)=(select count(p.pid) from parts p where p.color="red");
select p.pname from parts p join catalog c on p.pid=c.pid join supdetails s on c.sid=s.sid group by p.pid,p.pname having count(distinct s.sid)=1 and max(s.sname)='Acme Widget';
select distinct c1.sid from catalog c1 join(select pid,avg(cost) as avgcost from catalog group by pid)as A on c1.pid=A.pid where c1.cost>A.avgcost;
SELECT P.pid,S.sname,T.max_cost AS cost FROM parts P JOIN catalog C ON P.pid = C.pid JOIN supdetails S ON C.sid = S.sid JOIN(SELECT pid,MAX(cost) AS max_cost FROM catalog GROUP BY pid) AS T ON C.pid = T.pid AND C.cost = T.max_cost;
Result Grid Filter Rows: Export: Wrap Cell Content:
pid sname cost
20001 Acme Widget 10
20001 Johns 10
20002 Johns 20
20003 Reliance 40
20004 Acme Widget 10
20005 Acme Widget 10
Result 16 Result 17 Result 18 Result 19 Result 20 Result 21
Output
Action Output
Snipping Tool
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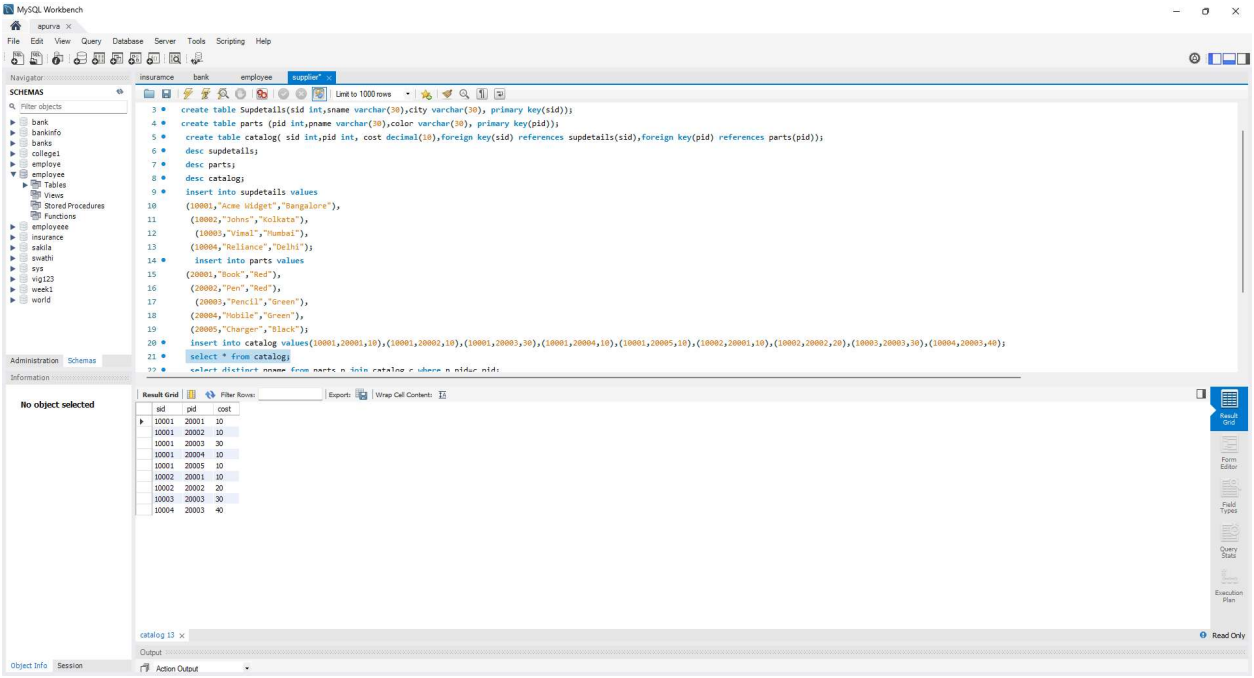
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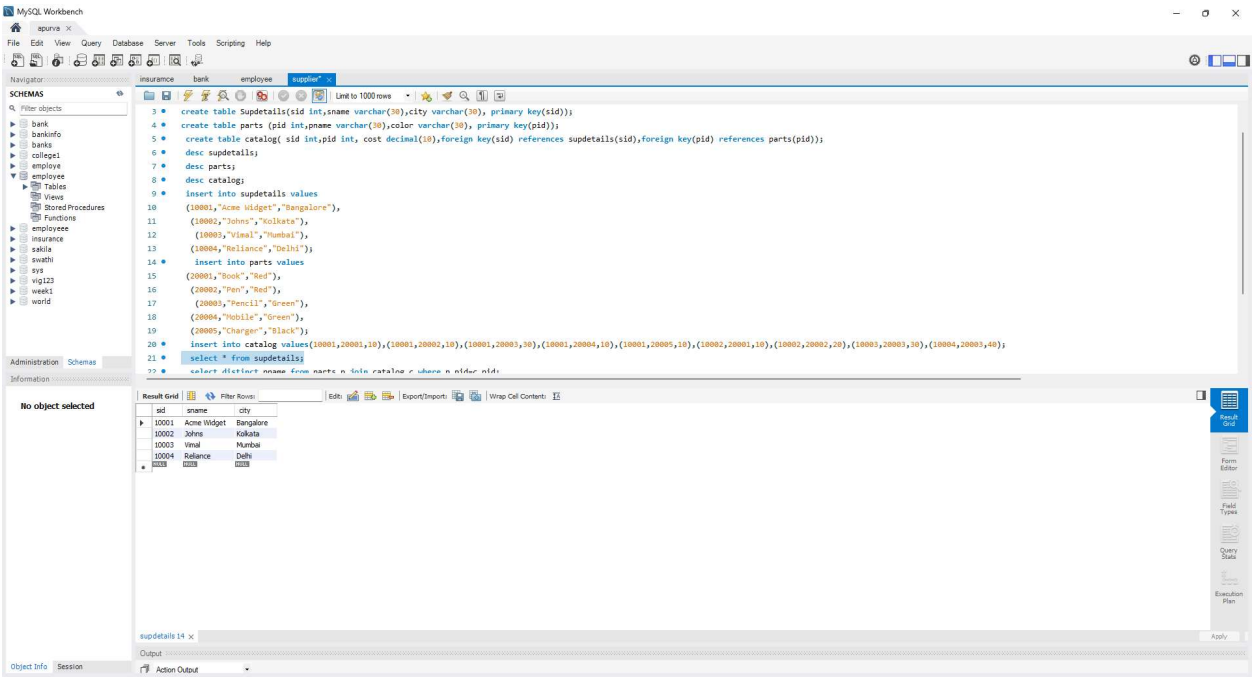
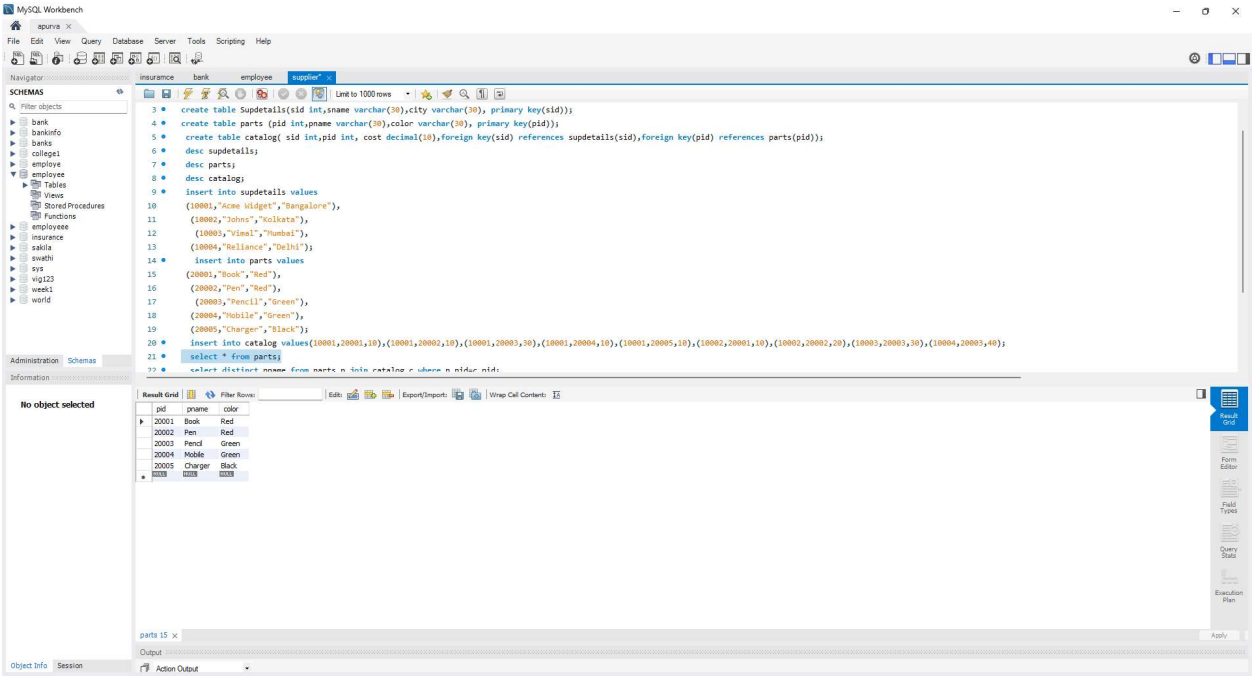
apurva
File Edit View Query Database Server Tools Scripting Help
insurance bank employee supplier*
SCHEMAS
bank
bankinfo
banks
college1
employe
employee
Tables
Views
Stored Procedures
Functions
employeee
insurance
sakila
swathi
sys
vig123
week1
world
Administration Schemas
Information
No object selected
Object Info Session
create table Supdetails(sid int,sname varchar(30),city varchar(30), primary key(sid));
create table parts (pid int,pname varchar(30),color varchar(30), primary key(pid));
create table catalog(sid int,pid int, cost decimal(10),foreign key(sid) references supdetails(sid),foreign key(pid) references parts(pid));
desc supdetails;
desc parts;
desc catalog;
insert into supdetails values
(10001,"Acme Widget","Bangalore"),
(10002,"Johns","Kolkata"),
(10003,"Vimal","Mumbai"),
(10004,"Reliance","Delhi");
insert into parts values
(20001,"Book","Red"),
(20002,"Pen","Red"),
(20003,"Pencil","Green"),
(20004,"Mobile","Green"),
(20005,"Charger","Black");
insert into catalog values(10001,20001,10),(10001,20002,10),(10001,20003,30),(10001,20004,10),(10001,20005,10),(10002,20001,10),(10002,20002,20),(10003,20003,30),(10004,20003,40);
select * from catalog;
Result Grid Filter Rows: Export: Wrap Cell Content:
sid pid cost
10001 20001 10
10001 20002 10
10001 20003 30
10001 20004 10
10001 20005 10
10002 20001 10
10002 20002 20
10003 20003 30
10004 20003 40
catalog 13
Read Only
Output
Action Output


MySQL Workbench
apurva
File Edit View Query Database Server Tools Scripting Help
insurance bank employee supplier*
SCHEMAS
bank
bankinfo
banks
college1
employe
employee
Tables
Views
Stored Procedures
Functions
employeee
insurance
sakila
swathi
sys
vig123
week1
world
Administration Schemas
Information
No object selected
Object Info Session
create table Supdetails(sid int,sname varchar(30),city varchar(30), primary key(sid));
create table parts (pid int,pname varchar(30),color varchar(30), primary key(pid));
create table catalog(sid int,pid int, cost decimal(10),foreign key(sid) references supdetails(sid),foreign key(pid) references parts(pid));
desc supdetails;
desc parts;
desc catalog;
insert into supdetails values
(10001,"Acme Widget","Bangalore"),
(10002,"Johns","Kolkata"),
(10003,"Vimal","Mumbai"),
(10004,"Reliance","Delhi");
insert into parts values
(20001,"Book","Red"),
(20002,"Pen","Red"),
(20003,"Pencil","Green"),
(20004,"Mobile","Green"),
(20005,"Charger","Black");
insert into catalog values(10001,20001,10),(10001,20002,10),(10001,20003,30),(10001,20004,10),(10001,20005,10),(10002,20001,10),(10002,20002,20),(10003,20003,30),(10004,20003,40);
select * from supdetails;
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
sid sname city
10001 Acme Widget Bangalore
10002 Johns Kolkata
10003 Vimal Mumbai
10004 Reliance Delhi
supdetails 14
Apply
Output
Action Output


MySQL Workbench
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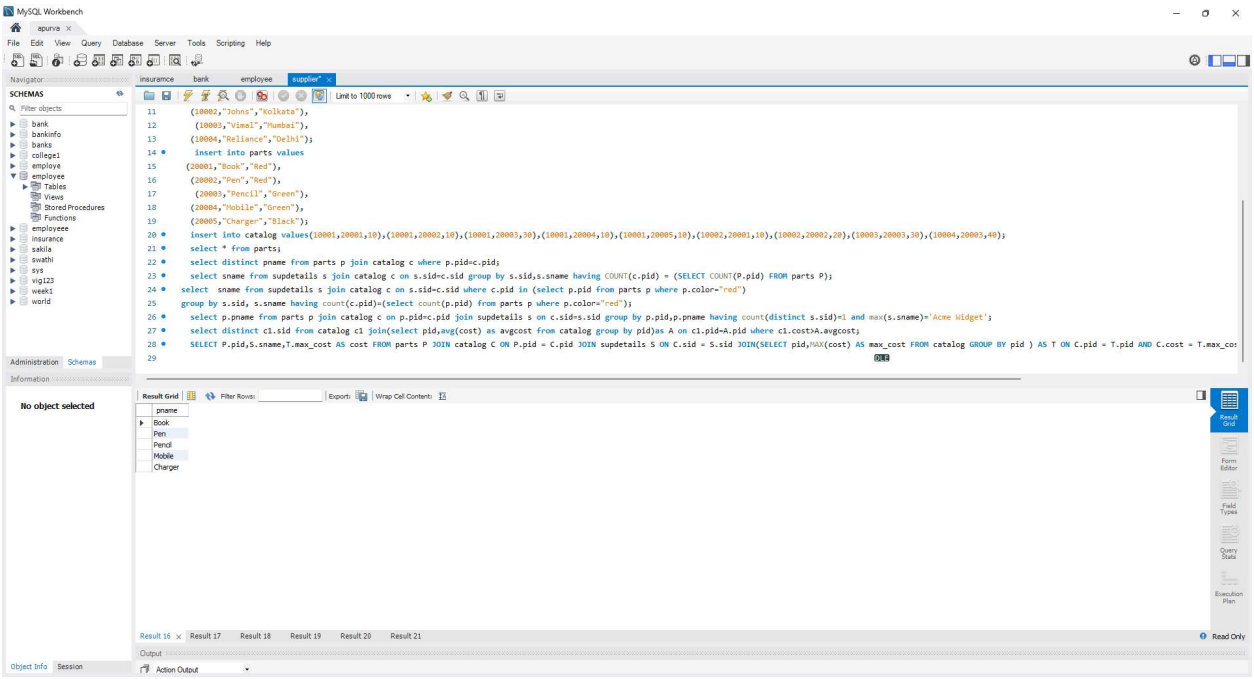
File Edit View Query Database Server Tools Scripting Help
insurance bank employee supplier*
SCHEMAS
bank
bankinfo
banks
college1
employe
employee
Tables
Views
Stored Procedures
Functions
employeee
insurance
sakila
swathi
sys
vig123
week1
world
Administration Schemas
Information
No object selected
Object Info Session
Limit to 1000 rows
create table Supdetails(sid int,sname varchar(30),city varchar(30), primary key(sid));
create table parts (pid int,pname varchar(30),color varchar(30), primary key(pid));
create table catalog(sid int,pid int, cost decimal(10),foreign key(sid) references supdetails(sid),foreign key(pid) references parts(pid));
desc supdetails;
desc parts;
desc catalog;
insert into supdetails values
(10001,"Acme Widget","Bangalore"),
(10002,"Johns","Kolkata"),
(10003,"Vimal","Mumbai"),
(10004,"Reliance","Delhi");
insert into parts values
(20001,"Book","Red"),
(20002,"Pen","Red"),
(20003,"Pencil","Green"),
(20004,"Mobile","Green"),
(20005,"Charger","Black");
insert into catalog values(10001,20001,10),(10001,20002,10),(10001,20003,30),(10001,20004,10),(10001,20005,10),(10002,20001,10),(10002,20002,20),(10003,20003,30),(10004,20003,40);
select * from parts;
select distinct pname from parts p join catalog c where p.pid=c.pid;
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
pid pname color
20001 Book Red
20002 Pen Red
20003 Pencil Green
20004 Mobile Green
20005 Charger Black
parts 15
Apply
Output
Action Output


MySQL Workbench
apurva
File Edit View Query Database Server Tools Scripting Help
insurance bank employee supplier*
SCHEMAS
bank
bankinfo
banks
college1
employe
employee
Tables
Views
Stored Procedures
Functions
employeee
insurance
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swathi
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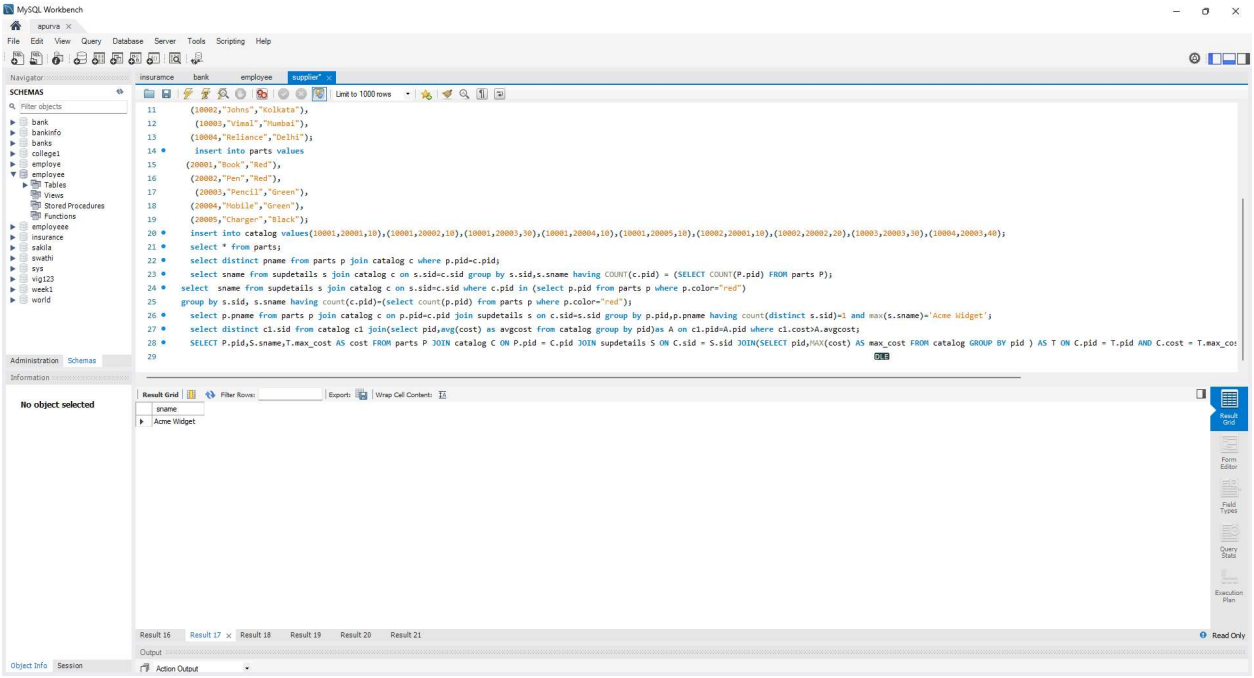
vig123
week1
world
Administration Schemas
Information
No object selected
Object Info Session
Limit to 1000 rows
(10002,"Johns","Kolkata"),
(10003,"Vimal","Mumbai"),
(10004,"Reliance","Delhi");
insert into parts values
(20001,"Book","Red"),
(20002,"Pen","Red"),
(20003,"Pencil","Green"),
(20004,"Mobile","Green"),
(20005,"Charger","Black");
insert into catalog values(10001,20001,10),(10001,20002,10),(10001,20003,30),(10001,20004,10),(10001,20005,10),(10002,20001,10),(10002,20002,20),(10003,20003,30),(10004,20003,40);
select * from parts;
select distinct pname from parts p join catalog c where p.pid=c.pid;
select sname from supdetails s join catalog c on s.sid=c.sid group by s.sid,s.sname having COUNT(c.pid) = (SELECT COUNT(P.pid) FROM parts P);
select sname from supdetails s join catalog c on s.sid=c.sid where c.pid in (select p.pid from parts p where p.color="red")
group by s.sid, s.sname having count(c.pid)=(select count(p.pid) from parts p where p.color="red");
select p.pname from parts p join catalog c on p.pid=c.pid join supdetails s on c.sid=s.sid group by p.pid,p.pname having count(distinct s.sid)=1 and max(s.sname)='Acme Widget';
select distinct c1.sid from catalog c1 join(select pid,avg(cost) as avgcost from catalog group by pid)as A on c1.pid=A.pid where c1.cost>A.avgcost;
SELECT P.pid,S.sname,T.max_cost AS cost FROM parts P JOIN catalog C ON P.pid = C.pid JOIN supdetails S ON C.sid = S.sid JOIN(SELECT pid,MAX(cost) AS max_cost FROM catalog GROUP BY pid) AS T ON C.pid = T.pid AND C.cost = T.max_cos
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
pname
Book
Pen
Pencil
Mobile
Charger
Result 16
Result 17
Result 18
Result 19
Result 20
Result 21
Read Only
Output
Action Output


MySQL Workbench
apurva
File Edit View Query Database Server Tools Scripting Help
insurance bank employee supplier*
SCHEMAS
bank
bankinfo
banks
college1
employe
employee
Tables
Views
Stored Procedures
Functions
employeee
insurance
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swathi
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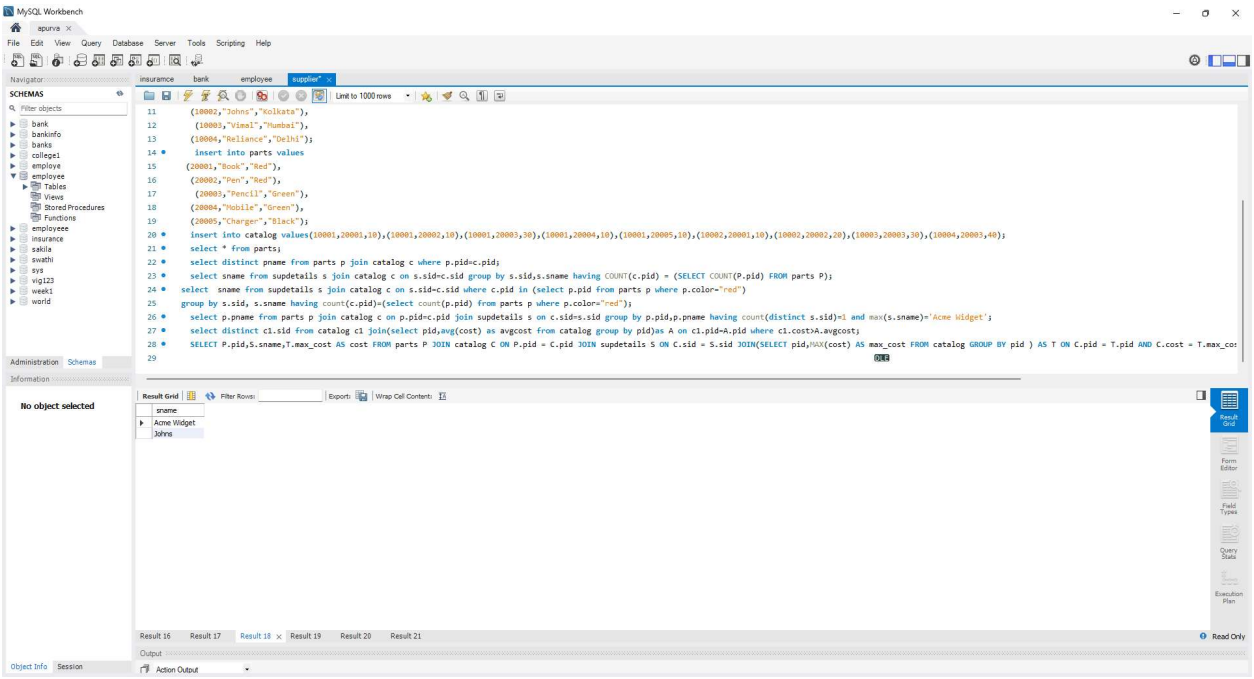
Administration Schemas
Information
No object selected
Object Info Session
Limit to 1000 rows
(10002,"Johns","Kolkata"),
(10003,"Vimal","Mumbai"),
(10004,"Reliance","Delhi");
insert into parts values
(20001,"Book","Red"),
(20002,"Pen","Red"),
(20003,"Pencil","Green"),
(20004,"Mobile","Green"),
(20005,"Charger","Black");
insert into catalog values(10001,20001,10),(10001,20002,10),(10001,20003,30),(10001,20004,10),(10001,20005,10),(10002,20001,10),(10002,20002,20),(10003,20003,30),(10004,20003,40);
select * from parts;
select distinct pname from parts p join catalog c where p.pid=c.pid;
select sname from supdetails s join catalog c on s.sid=c.sid group by s.sid,s.sname having COUNT(c.pid) = (SELECT COUNT(P.pid) FROM parts P);
select sname from supdetails s join catalog c on s.sid=c.sid where c.pid in (select p.pid from parts p where p.color="red")
group by s.sid, s.sname having count(c.pid)=(select count(p.pid) from parts p where p.color="red");
select p.pname from parts p join catalog c on p.pid=c.pid join supdetails s on c.sid=s.sid group by p.pid,p.pname having count(distinct s.sid)=1 and max(s.sname)='Acme Widget';
select distinct c1.sid from catalog c1 join(select pid,avg(cost) as avgcost from catalog group by pid)as A on c1.pid=A.pid where c1.cost>A.avgcost;
SELECT P.pid,S.sname,T.max_cost AS cost FROM parts P JOIN catalog C ON P.pid = C.pid JOIN supdetails S ON C.sid = S.sid JOIN(SELECT pid,MAX(cost) AS max_cost FROM catalog GROUP BY pid) AS T ON C.pid = T.pid AND C.cost = T.max_cos
Result Grid Filter Rows: Export: Wrap Cell Content:
sname
Acme Widget
Result 16 Result 17 Result 18 Result 19 Result 20 Result 21
Read Only
Output
Action Output


MySQL Workbench
apurva
File Edit View Query Database Server Tools Scripting Help
insurance bank employee supplier*
SCHEMAS
bank
bankinfo
banks
college1
employe
employee
Tables
Views
Stored Procedures
Functions
employeee
insurance
sakila
swathi
sys
vig123
week1
world
Administration Schemas
Information
No object selected
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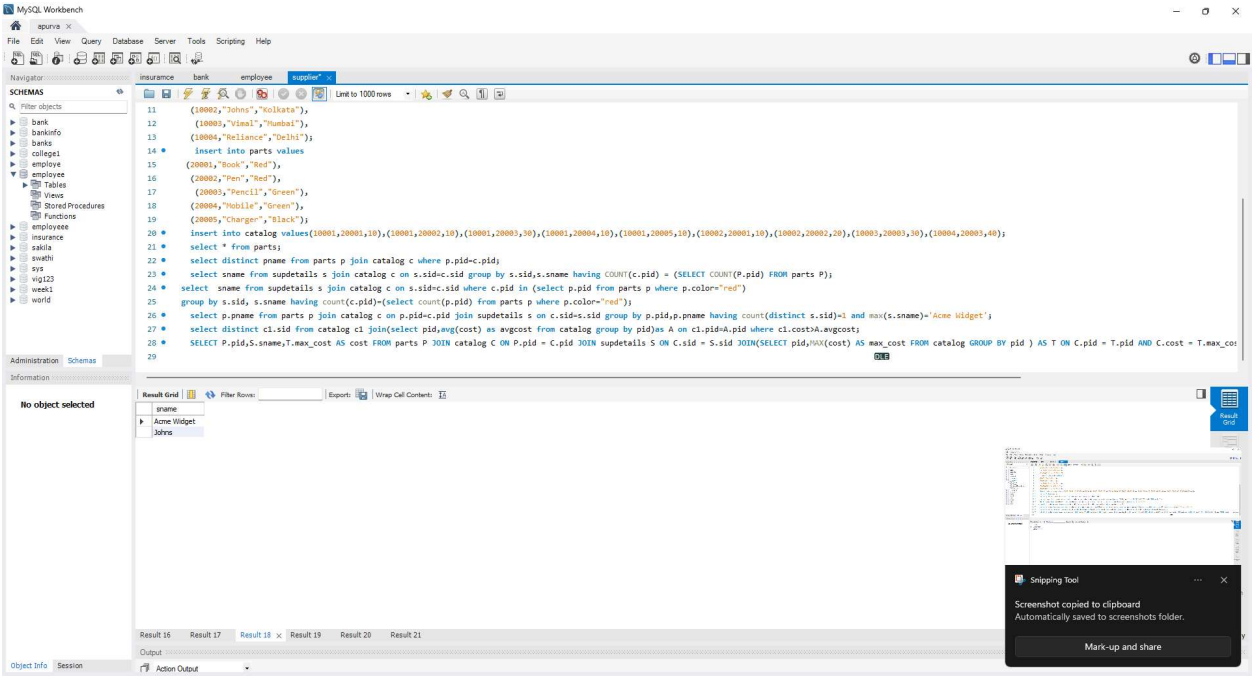
Limit to 1000 rows
(10002,"Johns","Kolkata"),
(10003,"Vimal","Mumbai"),
(10004,"Reliance","Delhi");
insert into parts values
(20001,"Book","Red"),
(20002,"Pen","Red"),
(20003,"Pencil","Green"),
(20004,"Mobile","Green"),
(20005,"Charger","Black");
insert into catalog values(10001,20001,10),(10001,20002,10),(10001,20003,30),(10001,20004,10),(10001,20005,10),(10002,20001,10),(10002,20002,20),(10003,20003,30),(10004,20003,40);
select * from parts;
select distinct pname from parts p join catalog c where p.pid=c.pid;
select sname from supdetails s join catalog c on s.sid=c.sid group by s.sid,s.sname having COUNT(c.pid) = (SELECT COUNT(P.pid) FROM parts P);
select sname from supdetails s join catalog c on s.sid=c.sid where c.pid in (select p.pid from parts p where p.color="red")
group by s.sid, s.sname having count(c.pid)=(select count(p.pid) from parts p where p.color="red");
select p.pname from parts p join catalog c on p.pid=c.pid join supdetails s on c.sid=s.sid group by p.pid,p.pname having count(distinct s.sid)=1 and max(s.sname)='Acme Widget';
select distinct c1.sid from catalog c1 join(select pid,avg(cost) as avgcost from catalog group by pid)as A on c1.pid=A.pid where c1.cost>A.avgcost;
SELECT P.pid,S.sname,T.max_cost AS cost FROM parts P JOIN catalog C ON P.pid = C.pid JOIN supdetails S ON C.sid = S.sid JOIN(SELECT pid,MAX(cost) AS max_cost FROM catalog GROUP BY pid) AS T ON C.pid = T.pid AND C.cost = T.max_cos
Result Grid Filter Rows: Export: Wrap Cell Content:
sname
Acme Widget
Johns
Result 16 Result 17 Result 18 Result 19 Result 20 Result 21
Read Only
Output
Action Output


MySQL Workbench
apurva
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
bank
bankinfo
banks
college1
employe
employee
Tables
Views
Stored Procedures
Functions
employeee
insurance
sakila
swathi
sys
vig123
week1
world
Administration Schemas
Information
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insurance bank employee supplier*
Limit to 1000 rows
(10002,"Johns","Kolkata"),
(10003,"Vimal","Mumbai"),
(10004,"Reliance","Delhi");
insert into parts values
(20001,"Book","Red"),
(20002,"Pen","Red"),
(20003,"Pencil","Green"),
(20004,"Mobile","Green"),
(20005,"Charger","Black");
insert into catalog values(10001,20001,10),(10001,20002,10),(10001,20003,30),(10001,20004,10),(10001,20005,10),(10002,20001,10),(10002,20002,20),(10003,20003,30),(10004,20003,40);
select * from parts;
select distinct pname from parts p join catalog c where p.pid=c.pid;
select sname from supdetails s join catalog c on s.sid=c.sid group by s.sid,s.sname having COUNT(c.pid) = (SELECT COUNT(P.pid) FROM parts P);
select sname from supdetails s join catalog c on s.sid=c.sid where c.pid in (select p.pid from parts p where p.color="red")
group by s.sid, s.sname having count(c.pid)=(select count(p.pid) from parts p where p.color="red");
select p.pname from parts p join catalog c on p.pid=c.pid join supdetails s on c.sid=s.sid group by p.pid,p.pname having count(distinct s.sid)=1 and max(s.sname)='Acme Widget';
select distinct c1.sid from catalog c1 join(select pid,avg(cost) as avgcost from catalog group by pid)as A on c1.pid=A.pid where c1.cost>A.avgcost;
SELECT P.pid,S.sname,T.max_cost AS cost FROM parts P JOIN catalog C ON P.pid = C.pid JOIN supdetails S ON C.sid = S.sid JOIN(SELECT pid,MAX(cost) AS max_cost FROM catalog GROUP BY pid) AS T ON C.pid = T.pid AND C.cost = T.max_cos
Result Grid Filter Rows: Export: Wrap Cell Content:
sname
Acme Widget
Johns
Result 16 Result 17 Result 18 Result 19 Result 20 Result 21
Output
Action Output
Snipping Tool
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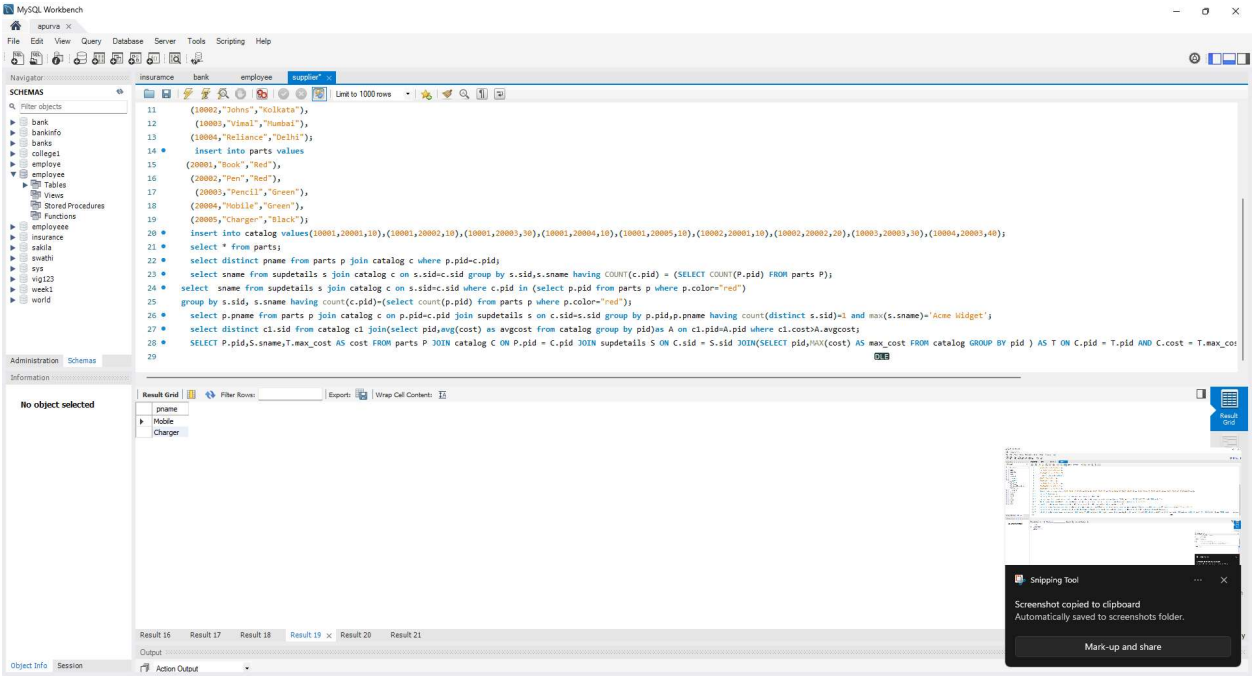
MySQL Workbench
apurva
File Edit View Query Database Server Tools Scripting Help
insurance bank employee supplier*
Limit to 1000 rows
SCHEMAS
Filter objects
bank
bankinfo
banks
college1
employe
employee
Tables
Views
Stored Procedures
Functions
employeee
insurance
sakila
swathi
sys
vig123
week1
world
11 (10002,"Johns","Kolkata"),
12 (10003,"Vimal","Mumbai"),
13 (10004,"Reliance","Delhi");
14 insert into parts values
15 (20001,"Book","Red"),
16 (20002,"Pen","Red"),
17 (20003,"Pencil","Green"),
18 (20004,"Mobile","Green"),
19 (20005,"Charger","Black");
20 insert into catalog values(10001,20001,10),(10001,20002,10),(10001,20003,30),(10001,20004,10),(10001,20005,10),(10002,20001,10),(10002,20002,20),(10003,20003,30),(10004,20003,40);
21 select * from parts;
22 select distinct pname from parts p join catalog c where p.pid=c.pid;
23 select sname from supdetails s join catalog c on s.sid=c.sid group by s.sid,s.sname having COUNT(c.pid) = (SELECT COUNT(P.pid) FROM parts P);
24 select sname from supdetails s join catalog c on s.sid=c.sid where c.pid in (select p.pid from parts p where p.color="red")
25 group by s.sid, s.sname having count(c.pid)=(select count(p.pid) from parts p where p.color="red");
26 select p.pname from parts p join catalog c on p.pid=c.pid join supdetails s on c.sid=s.sid group by p.pid,p.pname having count(distinct s.sid)=1 and max(s.sname)='Acme Widget';
27 select distinct c1.sid from catalog c1 join(select pid,avg(cost) as avgcost from catalog group by pid)as A on c1.pid=A.pid where c1.cost>A.avgcost;
28 SELECT P.pid,S.sname,T.max_cost AS cost FROM parts P JOIN catalog C ON P.pid = C.pid JOIN supdetails S ON C.sid = S.sid JOIN(SELECT pid,MAX(cost) AS max_cost FROM catalog GROUP BY pid) AS T ON C.pid = T.pid AND C.cost = T.max_cos
29
Administration Schemas
Information
No object selected
Object Info Session
Result Grid Filter Rows: Export: Wrap Cell Content:
pname
Mobile
Charger
Result 16 Result 17 Result 18 Result 19 Result 20 Result 21
Output
Action Output
Snipping Tool
Screenshot copied to clipboard
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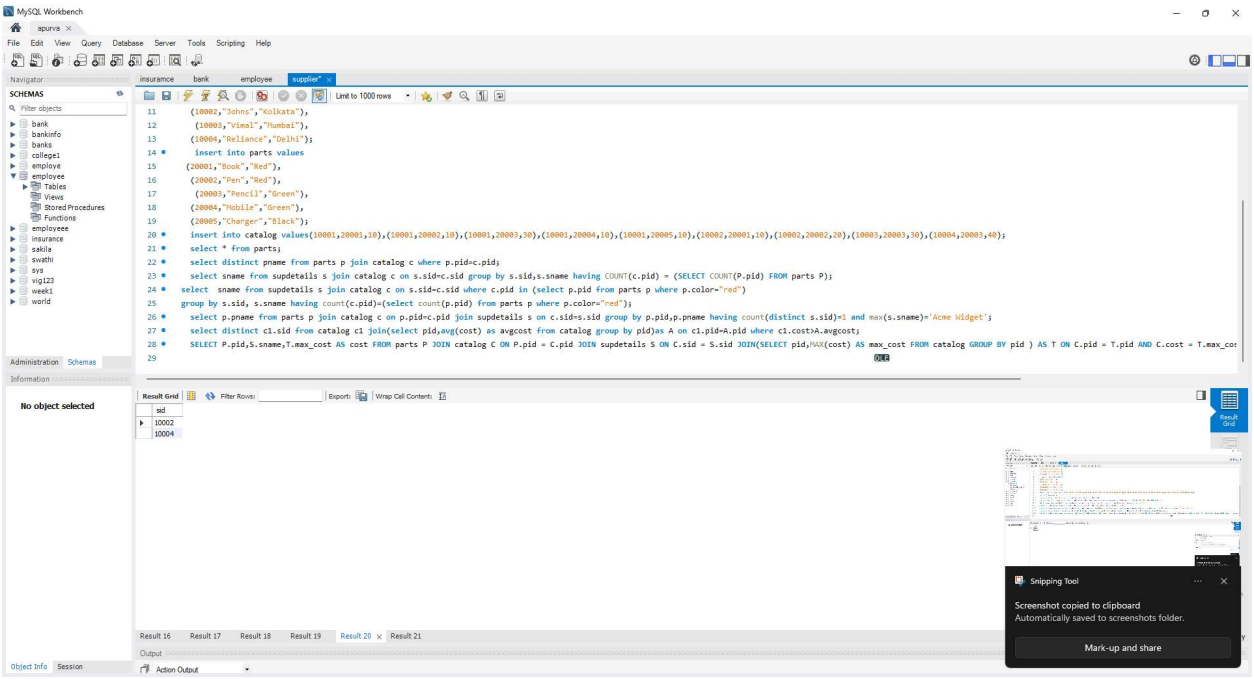
MySQL Workbench
apurva
File Edit View Query Database Server Tools Scripting Help
insurance bank employee supplier*
Limit to 1000 rows
SCHEMAS
Filter objects
bank
bankinfo
banks
college1
employe
employee
Tables
Views
Stored Procedures
Functions
employeee
insurance
sakila
swathi
sys
vig123
week1
world
11 (10002,"Johns","Kolkata"),
12 (10003,"Vimal","Mumbai"),
13 (10004,"Reliance","Delhi");
14 insert into parts values
15 (20001,"Book","Red"),
16 (20002,"Pen","Red"),
17 (20003,"Pencil","Green"),
18 (20004,"Mobile","Green"),
19 (20005,"Charger","Black");
20 insert into catalog values(10001,20001,10),(10001,20002,10),(10001,20003,30),(10001,20004,10),(10001,20005,10),(10002,20001,10),(10002,20002,20),(10003,20003,30),(10004,20003,40);
21 select * from parts;
22 select distinct pname from parts p join catalog c where p.pid=c.pid;
23 select sname from supdetails s join catalog c on s.sid=c.sid group by s.sid,s.sname having COUNT(c.pid) = (SELECT COUNT(P.pid) FROM parts P);
24 select sname from supdetails s join catalog c on s.sid=c.sid where c.pid in (select p.pid from parts p where p.color="red")
25 group by s.sid, s.sname having count(c.pid)=(select count(p.pid) from parts p where p.color="red");
26 select p.pname from parts p join catalog c on p.pid=c.pid join supdetails s on c.sid=s.sid group by p.pid,p.pname having count(distinct s.sid)=1 and max(s.sname)='Acme Widget';
27 select distinct c1.sid from catalog c1 join(select pid,avg(cost) as avgcost from catalog group by pid)as A on c1.pid=A.pid where c1.cost>A.avgcost;
28 SELECT P.pid,S.sname,T.max_cost AS cost FROM parts P JOIN catalog C ON P.pid = C.pid JOIN supdetails S ON C.sid = S.sid JOIN(SELECT pid,MAX(cost) AS max_cost FROM catalog GROUP BY pid) AS T ON C.pid = T.pid AND C.cost = T.max_cos
29
Administration Schemas
Information
No object selected
Object Info Session
Result Grid Filter Rows: Export: Wrap Cell Content:
sid
10002
10004
Result 16 Result 17 Result 18 Result 19 Result 20 Result 21
Output
Action Output
Snipping Tool
Screenshot copied to clipboard
Automatically saved to screenshots folder.
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