**1. Display the Supplier name and the Quantity sold.**

dbms\_assignment=# select s.s\_name,spj.quantity from s join spj on s.s\_id=spj.sno;

s\_name | quantity

--------+----------

Smith | 200

Smith | 700

Jones | 400

Jones | 200

Jones | 200

Jones | 500

Jones | 600

Jones | 400

Jones | 800

Jones | 100

Blake | 200

Blake | 500

Clark | 300

Clark | 300

Adams | 200

Adams | 100

Adams | 500

Adams | 100

Adams | 200

Adams | 100

Adams | 200

Adams | 800

Adams | 400

(23 rows)

**2. Display the Part name and Quantity sold.**

dbms\_assignment=# select p.pname,spj.quantity from p join spj on p.pno=spj.pno;

pname | quantity

-------+----------

Nut | 200

Nut | 700

skrew | 400

skrew | 200

skrew | 200

skrew | 500

skrew | 600

skrew | 400

skrew | 800

Cam | 100

skrew | 200

skrew | 500

Cog | 300

Cog | 300

Bolt | 200

Bolt | 100

Cam | 500

Cam | 100

Cog | 200

Nut | 100

skrew | 200

skrew | 800

Cam | 400

(23 rows)

**3. Display the Project name and Quantity sold.**

dbms\_assignment=# select j.jname,spj.quantity from j join spj on j.jno=spj.jno;

jname | quantity

---------+----------

Sorter | 200

Console | 700

Sorter | 400

Display | 200

OCR | 200

Console | 500

RAID | 600

EDS | 400

ARP | 800

Display | 100

Sorter | 200

Display | 500

OCR | 300

ARP | 300

Display | 200

Console | 100

RAID | 500

ARP | 100

Display | 200

Console | 100

Console | 200

Console | 800

Console | 400

(23 rows)

**4. Display the Supplier name, Part name, Project name and Quantity sold.**

dbms\_assignment=# select s.s\_name,p.pname,j.jname,spj.quantity from s,p,j,spj where s.s\_id=spj.sno and p.pno=spj.pno and j.jno=spj.jno;

s\_name | pname | jname | quantity

--------+-------+---------+----------

Smith | Nut | Sorter | 200

Smith | Nut | Console | 700

Jones | skrew | Sorter | 400

Jones | skrew | Display | 200

Jones | skrew | OCR | 200

Jones | skrew | Console | 500

Jones | skrew | RAID | 600

Jones | skrew | EDS | 400

Jones | skrew | ARP | 800

Jones | Cam | Display | 100

Blake | skrew | Sorter | 200

Blake | skrew | Display | 500

Clark | Cog | OCR | 300

Clark | Cog | ARP | 300

Adams | Bolt | Display | 200

Adams | Bolt | Console | 100

Adams | Cam | RAID | 500

Adams | Cam | ARP | 100

Adams | Cog | Display | 200

Adams | Nut | Console | 100

Adams | skrew | Console | 200

Adams | skrew | Console | 800

Adams | Cam | Console | 400

(23 rows)

**5. Display the Supplier name, Supplying Parts to a Project in the same City.**

dbms\_assignment=# select s.s\_name,P.PNAME, J.JNAME,J.CITY from s,J,P where s.city=J.city AND P.city=J.city AND J.city=J.city;

s\_name | pname | jname | city

--------+-------+--------+--------

Smith | Nut | ARP | London

Smith | Nut | RAID | London

Clark | Nut | ARP | London

Clark | Nut | RAID | London

Smith | skrew | ARP | London

Smith | skrew | RAID | London

Clark | skrew | ARP | London

Clark | skrew | RAID | London

Smith | Cog | ARP | London

Smith | Cog | RAID | London

Clark | Cog | ARP | London

Clark | Cog | RAID | London

Jones | Bolt | Sorter | Paris

Blake | Bolt | Sorter | Paris

Jones | Cam | Sorter | Paris

Blake | Cam | Sorter | Paris

(16 rows)

**6. Display the Part name that is ‘Red’ is color, and the Quantity sold.**

dbms\_assignment=# select P.PNAME, P.color,SPJ.quantity from P,SPJ where P.PNO=SPJ.PNO AND P.color ilike 'red';

pname | color | quantity

-------+-------+----------

Nut | Red | 200

Nut | Red | 700

skrew | red | 500

Cog | Red | 300

Cog | Red | 300

Cog | Red | 200

Nut | Red | 100

skrew | red | 800

(8 rows)

**7. Display all the Quantity sold by Suppliers with the Status = 20.**

dbms\_assignment=# select s.s\_name,s.status,SPJ.quantity from s,SPJ where s.s\_id=SPJ.SNO AND s.status=20;

s\_name | status | quantity

--------+--------+----------

Smith | 20 | 200

Smith | 20 | 700

Clark | 20 | 300

Clark | 20 | 300

(4 rows)

**8. Display all the Parts and Quantity with a Weight > 14.**

dbms\_assignment=# select P.PNAME,SPJ.quantity from P,SPJ where P.PNO=SPJ.PNO AND P.WEIGHT > 14 ;

pname | quantity

-------+----------

skrew | 400

skrew | 200

skrew | 200

skrew | 500

skrew | 600

skrew | 400

skrew | 800

skrew | 200

Cog | 300

Cog | 300

Bolt | 200

Bolt | 100

Cog | 200

skrew | 200

(14 rows)

**9. Display all the Project names and City, which has bought more than 500 Parts.**

dbms\_assignment=# select J.JNAME,J.CITY,SPJ.quantity from J,SPJ where J.JNO=SPJ.JNO AND SPJ.quantity >500 ;

jname | city | quantity

---------+--------+----------

Console | Athens | 700

RAID | London | 600

ARP | London | 800

Console | Athens | 800

(4 rows)

**10. Display all the Part names and Quantity sold that have a Weight less than 15.**

dbms\_assignment=# select p.pname,spj.quantity from p,spj where p.pno=spj.pno and p.weight<15;

pname | quantity

-------+----------

Nut | 200

Nut | 700

Cam | 100

skrew | 500

Cam | 500

Cam | 100

Nut | 100

skrew | 800

Cam | 400

(9 rows)

**11. Display all the Employee names and the name of their Managers.**

dbms\_ass1=# select emp.first\_name,dep.manager\_id from employees emp ,departments dep where emp.employee\_id = dep.department\_id;

first\_name | manager\_id

------------+------------

Steven | 108

John | 205

Matthew | 0

Mozhe | 0

Joshua | 0

Peter | 0

Louise | 0

Tayler | 0

Winston | 0

Timothy | 0

Jennifer | 0

(11 rows)