

SQL Exercise 5

1. Display the Supplier name and the Quantity sold.

```
select s227.sname,spj227.qty from s227, spj227
where s227.s# = spj227.s#
or
select sname,qty from s227 join spj227 using(s#)
```
2. Display the Part name and Quantity sold.

```
select p227.pname,spj1.* from p227, (select p#,sum(qty)
from spj227
group by p#) spj1
where p227.p#=spj1.p#
```
3. Display the Project name and Quantity sold.

```
select j227.jname,spj1.* from j227, (select j#,sum(qty)
from spj227
group by j#) spj1
where j227.j#=spj1.j#
```
4. Display the Supplier name, Part name, Project name and Quantity sold.

```
select s227.sname, p227.pname, j227.jname,spj227.qty from j227,
s227,p227,spj227
where j227.j#=spj227.j# and s227.s#=spj227.s# and p227.p#=spj227.p#
```
5. Display the Supplier name, Supplying Parts to a Project in the same City.

```
select * from s227 join p227 using(city)
```
6. Display the Part name that is 'Red' is color, and the Quantity sold.

```
select pname, qty from p227 join spj227 using (p#)
where color = 'red'
```
7. Display all the Quantity sold by Suppliers with the Status = 20.

```
select sname,status,qty from s227 join spj227 using(s#)
where status=20
```
8. Display all the Parts and Quantity with a Weight > 14.

```
select p#,pname,qty,weight from p227 join spj227 using(p#)
where weight > 14
```
9. Display all the Project names and City, which has bought more than 10 Parts.

```
select p#,j#,jname,city,qty from j227 join spj227 using(j#)
where qty>10
```

10. Display all the Part names and Quantity sold that have a Weight less than 15.
select * from p227 join spj227
using(p#)
where weight<10

11. Display all the Employee names and the name of their Managers.
select empname,depthead from semp