# Assignment -5

1. Display the Supplier name and the Quantity sold.

# Foreign key:

# Group by:

\*\*\*\*\*\* if total quantity not requires just remove sum fro following query

### Using Join take sum of quantity:

2. Display the Part name and Quantity sold.

I\*\*\*if total quantity not requires just remove sum from following query

Using Join take sum of quantity:

3. Display the Project name and Quantity sold.

I\*\*\*if total quantity not requires just remove sum from following query

Using Join take sum of quantity:

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

# Using forien key:

```
cdac=# 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 | quantity
 Jones
                      | RAID
 Jones
Jones
            skrew
Cam
                     | Sorter
| Display
                                            200
500
Clark
Clark
                      OCR
ARP
            Cog
Bolt
 Adams
 Adams
Adams
            Cam
Cog
                       ARP
Display
 Adams
Adams
                     | Console
                      | Console |
 Adams
```

# Using Join:

```
cdac=# select s.s_name,p.pname,j.jname,sum(s1.quantity) from spj s1 join s on s.s_id=s1.sno join p on p.pno=s1.pno join J on j.jno=s1.
jno group by s.s_name,j.jname,p.pname;
 s_name | pname | jname | sum
 Jones
                 OCR
                             200
         skrew |
 Jones
                  Console
                             500
          skrew
 Jones
                  RAID
                             600
 Jones
          skrew
                 ARP
                             800
                             100
 Adams
         Cam
                  ARP
                  OCR
                             300
 Clark
          Cog
 Adams
                  Console
 Blake
          skrew
                  Sorter
                             200
                  Console |
                             700
 Smith
         Nut
 Jones
         Cam
                  Display
                             100
                  Display
 Blake
          skrew
                  Display
                             500
                             300
 Clark
         Cog
                  ARP
         Cam
                  Console |
                             400
 Adams
 Adams
                  Console |
                            1000
 Adams
         Bolt
                  Console
                  EDS
 Jones
          skrew
                             400
                  Display |
 Adams
                             200
         Cog
 Adams
                             500
 Adams
         Bolt
                 Display |
                             200
                             200
 Smith
         Nut
                  Sorter
         skrew | Sorter
                             400
 Jones
```

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

```
cdac=# select s.s_name,p.pname,j.jname,j.city from s,p,j where s.city=j.city and p.city=j.city;
s_name | pname | jname | city
Blake
        | Bolt
Jones
         Bolt
                | Sorter | Paris
                         | London
         skrew | RAID
Clark
                         | London
         Nut
                | RAID
Smith
                         | London
Smith
         skrew | RAID
Clark
         Nut
                 ARP
                         | London
                         | London
                | ARP
                         | London
Smith
         Nut
                I ARP
                         | London
Smith
                | ARP
```

6. Display the Part name that is 'Red' is color, and the Quantity sold.

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

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

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

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