SQL> select * from **prod**;

| CODP | DEN | CULOARE | STOC | PRET |
|------|--------|---------|------|------|
| 1 | panza | rosu | 50 | 150 |
| 2 | panza | verde | 120 | 75 |
| 3 | vopsea | rosu | 100 | 85 |
| 4 | panza | alb | 100 | 230 |
| 5 | tapet | alb | 80 | 225 |
| 6 | vopsea | alb | 150 | 110 |
| 7 | tapet | galben | 150 | 200 |
| 8 | panza | galben | 0 | 175 |
| 9 | adeziv | alb | 120 | 150 |

9 rows selected.

SQL> select * from **client**;

| CODCLI | NUME | LOC |
|--------|---------|--------|
| 31 | Ionescu | Galati |
| 32 | Popescu | Iasi |
| 33 | Marin | Galati |
| 34 | Soare | Braila |
| 35 | Vasile | Galati |

SQL> select * from **vanzare**;

| CODP | CODCLI | CANT | DATAV |
|------|--------|------|-----------|
| 3 | 31 | 20 | 20-JAN-03 |
| 4 | 33 | 35 | 27-MAR-03 |
| 3 | 31 | 50 | 27-MAR-03 |
| 2 | 35 | 110 | 08-JUN-03 |
| 3 | 33 | 30 | 08-JUN-03 |
| 4 | 33 | 20 | 08-JUN-03 |
| 2 | 32 | 10 | 10-JUN-03 |
| 2 | 31 | 40 | 10-JUN-03 |
| 1 | 35 | 50 | 20-JUN-03 |
| 1 | 32 | 60 | 10-JUN-03 |

10 rows selected.

**SQL> select c.nume,v.cant,v.datav,p.den,p.culoare**
  **2  from client c, vanzare v, prod p**
  **3  where c.codcli=v.codcli AND p.codp=v.codp;**

| NUME | CANT | DATAV | DEN | CULOARE |
|------|------|-------|-----|---------|
| Ionescu | 20 | 20-JAN-03 | vopsea | rosu |
| Marin | 35 | 27-MAR-03 | panza | alb |
| Ionescu | 50 | 27-MAR-03 | vopsea | rosu |
| Vasile | 110 | 08-JUN-03 | panza | verde |
| Marin | 30 | 08-JUN-03 | vopsea | rosu |
| Marin | 20 | 08-JUN-03 | panza | alb |
| Popescu | 10 | 10-JUN-03 | panza | verde |
| Ionescu | 40 | 10-JUN-03 | panza | verde |
| Vasile | 50 | 20-JUN-03 | panza | rosu |
| Popescu | 60 | 10-JUN-03 | panza | rosu |

10 rows selected.

**SQL> select c.nume,v.cant,v.datav,p.den,p.culoare**
  **2  from client c inner join vanzare v on (c.codcli=v.codcli)**
  **3           inner join prod p on (v.codp=p.codp);**

| NUME | CANT | DATAV | DEN | CULOARE |
|------|------|-------|-----|---------|
| Ionescu | 20 | 20-JAN-03 | vopsea | rosu |
| Marin | 35 | 27-MAR-03 | panza | alb |
| Ionescu | 50 | 27-MAR-03 | vopsea | rosu |
| Vasile | 110 | 08-JUN-03 | panza | verde |
| Marin | 30 | 08-JUN-03 | vopsea | rosu |
| Marin | 20 | 08-JUN-03 | panza | alb |
| Popescu | 10 | 10-JUN-03 | panza | verde |
| Ionescu | 40 | 10-JUN-03 | panza | verde |
| Vasile | 50 | 20-JUN-03 | panza | rosu |
| Popescu | 60 | 10-JUN-03 | panza | rosu |

10 rows selected.

**SQL>  select nume,codp,cant,datav**
  **2  from client c, vanzare v**
  **3 where c.codcli=v.codcli;**

| NUME | CODP | CANT | DATAV |
| --- | --- | --- | --- |
| Ionescu | 3 | 20 | 20-JAN-03 |
| Marin | 4 | 35 | 27-MAR-03 |
| Ionescu | 3 | 50 | 27-MAR-03 |
| Vasile | 2 | 110 | 08-JUN-03 |
| Marin | 3 | 30 | 08-JUN-03 |
| Marin | 4 | 20 | 08-JUN-03 |
| Popescu | 2 | 10 | 10-JUN-03 |
| Ionescu | 2 | 40 | 10-JUN-03 |
| Vasile | 1 | 50 | 20-JUN-03 |
| Popescu | 1 | 60 | 10-JUN-03 |

**10 rows selected.**

**SQL> select nume,codp,cant,datav**
  **2  from client c, vanzare v**
  **3  where c.codcli=v.codcli (+);**

| NUME | CODP | CANT | DATAV |
| --- | --- | --- | --- |
| Ionescu | 3 | 20 | 20-JAN-03 |
| Marin | 4 | 35 | 27-MAR-03 |
| Ionescu | 3 | 50 | 27-MAR-03 |
| Vasile | 2 | 110 | 08-JUN-03 |
| Marin | 3 | 30 | 08-JUN-03 |
| Marin | 4 | 20 | 08-JUN-03 |
| **Soare** | | | |
| Popescu | 2 | 10 | 10-JUN-03 |
| Ionescu | 2 | 40 | 10-JUN-03 |
| Vasile | 1 | 50 | 20-JUN-03 |
| Popescu | 1 | 60 | 10-JUN-03 |

**11 rows selected.**

**SQL> select nume,codp,cant,datav**
  **2  from client c left join vanzare v on c.codcli=v.codcli;**

| NUME | CODP | CANT | DATAV |
| --- | --- | --- | --- |
| Ionescu | 3 | 20 | 20-JAN-03 |
| Marin | 4 | 35 | 27-MAR-03 |
| Ionescu | 3 | 50 | 27-MAR-03 |
| Vasile | 2 | 110 | 08-JUN-03 |
| Marin | 3 | 30 | 08-JUN-03 |
| Marin | 4 | 20 | 08-JUN-03 |
| **Soare** | | | |
| Popescu | 2 | 10 | 10-JUN-03 |
| Ionescu | 2 | 40 | 10-JUN-03 |
| Vasile | 1 | 50 | 20-JUN-03 |
| Popescu | 1 | 60 | 10-JUN-03 |

**11 rows selected.**

**SQL> select nume,codp,cant,datav**
  **2 from client c left join vanzare v on c.codcli=v.codcli;**

| NUME | CODP | CANT | DATAV |
|------|------|------|-------|
| Ionescu | 3 | 20 | 20-JAN-03 |
| Marin | 4 | 35 | 27-MAR-03 |
| Ionescu | 3 | 50 | 27-MAR-03 |
| Vasile | 2 | 110 | 08-JUN-03 |
| Marin | 3 | 30 | 08-JUN-03 |
| Marin | 4 | 20 | 08-JUN-03 |
| **Soare** | | | |
| Popescu | 2 | 10 | 10-JUN-03 |
| Ionescu | 2 | 40 | 10-JUN-03 |
| Vasile | 1 | 50 | 20-JUN-03 |
| Popescu | 1 | 60 | 10-JUN-03 |

**11 rows selected.**

**SQL> select nume,codp,cant,datav**
  **2 from vanzare v right join client c on c.codcli=v.codcli;**

| NUME | CODP | CANT | DATAV |
|------|------|------|-------|
| Ionescu | 3 | 20 | 20-JAN-03 |
| Marin | 4 | 35 | 27-MAR-03 |
| Ionescu | 3 | 50 | 27-MAR-03 |
| Vasile | 2 | 110 | 08-JUN-03 |
| Marin | 3 | 30 | 08-JUN-03 |
| Marin | 4 | 20 | 08-JUN-03 |
| **Soare** | | | |
| Popescu | 2 | 10 | 10-JUN-03 |
| Ionescu | 2 | 40 | 10-JUN-03 |
| Vasile | 1 | 50 | 20-JUN-03 |
| Popescu | 1 | 60 | 10-JUN-03 |

**11 rows selected.**

**SQL> select nume,codp,cant,datav**
  **2  from client c, vanzare v**
  **3  where c.codcli=v.codcli (+);**

| NUME | CODP | CANT | DATAV |
|------|------|------|-------|
| Ionescu | 3 | 20 | 20-JAN-03 |
| Marin | 4 | 35 | 27-MAR-03 |
| Ionescu | 3 | 50 | 27-MAR-03 |
| Vasile | 2 | 110 | 08-JUN-03 |
| Marin | 3 | 30 | 08-JUN-03 |
| Marin | 4 | 20 | 08-JUN-03 |
| **Soare** | | | |
| Popescu | 2 | 10 | 10-JUN-03 |
| Ionescu | 2 | 40 | 10-JUN-03 |
| Vasile | 1 | 50 | 20-JUN-03 |
| Popescu | 1 | 60 | 10-JUN-03 |

11 rows selected.

**SQL> select nume,codp,cant,datav**
  **2  from client c, vanzare v**
  **3  where c.codcli=v.codcli(+) and cant<50;**

| NUME | CODP | CANT | DATAV |
|------|------|------|-------|
| Ionescu | 3 | 20 | 20-JAN-03 |
| Marin | 4 | 35 | 27-MAR-03 |
| Marin | 3 | 30 | 08-JUN-03 |
| Marin | 4 | 20 | 08-JUN-03 |
| Popescu | 2 | 10 | 10-JUN-03 |
| Ionescu | 2 | 40 | 10-JUN-03 |

6 rows selected.

**SQL> select nume,codp,cant,datav**
  **2  from client c, vanzare v**
  **3  where c.codcli=v.codcli(+) and (cant<50 OR cant IS NULL);**

| NUME | CODP | CANT | DATAV |
|------|------|------|-------|
| Ionescu | 3 | 20 | 20-JAN-03 |
| Ionescu | 2 | 40 | 10-JUN-03 |
| Popescu | 2 | 10 | 10-JUN-03 |
| Marin | 4 | 20 | 08-JUN-03 |
| Marin | 4 | 35 | 27-MAR-03 |
| Marin | 3 | 30 | 08-JUN-03 |
| Soare | | | |

7 rows selected.