create table Supplier(

Supplier\_no varchar2(6) primary key,

Sname varchar2(25) not null,

Saddress varchar2(15) not null,

Scity varchar2(15) not null);

Table created.

insert into Supplier(Supplier\_no,Sname,Saddress,Scity)values('S1001','microtech','market road','bangalore');

1 row(s) inserted.

insert into Supplier(Supplier\_no,Sname,Saddress,Scity)values('S1002','electrotech','3rd cross','mangalore');

insert into Supplier(Supplier\_no,Sname,Saddress,Scity)values('S1003','cats','2nd cross','udupi');

insert into Supplier(Supplier\_no,Sname,Saddress,Scity)values('S1004','amazone','main road','mumbai');

insert into Supplier(Supplier\_no,Sname,Saddress,Scity)values('S1005','flipcart','5th main','kolkatta');

select\*from Supplier;

|  |  |  |  |
| --- | --- | --- | --- |
| **SUPPLIER\_NO** | **SNAME** | **SADDRESS** | **SCITY** |
| S1001 | microtech | market road | bangalore |
| S1002 | electrotech | 3rd cross | mangalore |
| S1003 | cats | 2nd cross | udupi |
| S1004 | amazone | main road | mumbai |
| S1005 | flipcart | 5th main | kolkatta |

create table Computer\_item(

item\_no varchar2(6) primary key,

Supplier\_no varchar2(6) references Supplier(Supplier\_no)on delete cascade,

item\_name varchar2(10) not null,

iquantity varchar2(10) not null);

Table created.

insert into Computer\_item(item\_no,Supplier\_no,item\_name, iquantity)values('i1001','S1002','keyboard','5');

insert into Computer\_item(item\_no,Supplier\_no,item\_name, iquantity)values('i1002','S1001','monitor','3');

insert into Computer\_item(item\_no,Supplier\_no,item\_name, iquantity)values('i1003','S1003','cpu','8');

insert into Computer\_item(item\_no,Supplier\_no,item\_name, iquantity)values('i1004','S1004','keyboard','15');

insert into Computer\_item(item\_no,Supplier\_no,item\_name, iquantity)values('i1005','S1001','printer','11');

insert into Computer\_item(item\_no,Supplier\_no,item\_name, iquantity)values('i1006','S1003','monitor','7');

insert into Computer\_item(item\_no,Supplier\_no,item\_name, iquantity)values('i1007','S1001','scanner','5');

insert into Computer\_item(item\_no,Supplier\_no,item\_name, iquantity)values('i1009','S1003','harddisk','3');

insert into Computer\_item(item\_no,Supplier\_no,item\_name, iquantity)values('i1010','S1002','mouse','7');

insert into Computer\_item(item\_no,Supplier\_no,item\_name, iquantity)values('i1011','S1004','keyboard','5');

insert into Computer\_item(item\_no,Supplier\_no,item\_name, iquantity)values('i1012','S1005','printer','8');

select\*from Computer\_item;

|  |  |  |  |
| --- | --- | --- | --- |
| **ITEM\_NO** | **SUPPLIER\_NO** | **ITEM\_NAME** | **IQUANTITY** |
| i1001 | S1002 | keyboard | 5 |
| i1002 | S1001 | monitor | 3 |
| i1003 | S1003 | cpu | 8 |
| i1004 | S1004 | keyboard | 15 |
| i1005 | S1001 | printer | 11 |
| i1006 | S1003 | monitor | 7 |
| i1007 | S1001 | scanner | 5 |
| i1008 | S1002 | cpu | 6 |
| i1009 | S1003 | harddisk | 3 |
| i1010 | S1002 | mouse | 7 |
| More than 10 rows available. Increase rows selector to view more rows. | | | |

a)select Supplier.Supplier\_no,Sname,Saddress,Scity,item\_no,item\_name,iquantity

from Supplier,Computer\_item

WHERE Supplier.Supplier\_no=Computer\_item.Supplier\_no

order by Scity,iquantity desc;

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SUPPLIER\_NO** | **SNAME** | **SADDRESS** | **SCITY** | **ITEM\_NO** | **ITEM\_NAME** | **IQUANTITY** |
| S1001 | microtech | market road | bangalore | i1007 | scanner | 5 |
| S1001 | microtech | market road | bangalore | i1002 | monitor | 3 |
| S1001 | microtech | market road | bangalore | i1005 | printer | 11 |
| S1005 | flipcart | 5th main | kolkatta | i1012 | printer | 8 |
| S1002 | electrotech | 3rd cross | mangalore | i1010 | mouse | 7 |
| S1002 | electrotech | 3rd cross | mangalore | i1008 | cpu | 6 |
| S1002 | electrotech | 3rd cross | mangalore | i1001 | keyboard | 5 |
| S1004 | amazone | main road | mumbai | i1011 | keyboard | 5 |
| S1004 | amazone | main road | mumbai | i1004 | keyboard | 15 |
| S1003 | cats | 2nd cross | udupi | i1003 | cpu | 8 |
| More than 10 rows available. Increase rows selector to view more rows. | | | | | | |

b) select Sname,Saddress,Scity from Supplier,Computer\_item where Supplier.Supplier\_no=Computer\_item.Supplier\_no and item\_name='keyboard';

|  |  |  |
| --- | --- | --- |
| **SNAME** | **SADDRESS** | **SCITY** |
| electrotech | 3rd cross | mangalore |
| amazone | main road | mumbai |
| amazone | main road | mumbai |

c) select Sname,item\_name from

Supplier,Computer\_item

where Supplier.Supplier\_no=Computer\_item.Supplier\_no

and(Sname='electrotech' or Sname='cats');

|  |  |
| --- | --- |
| **SNAME** | **ITEM\_NAME** |
| electrotech | keyboard |
| cats | cpu |
| cats | monitor |
| electrotech | cpu |
| cats | harddisk |
| electrotech | mouse |

d) create table neworder as

select Supplier.Supplier\_no,Sname,Saddress,Scity,Computer\_item.item\_no,item\_name,iquantity from

Supplier,Computer\_item

where Supplier.Supplier\_no=Computer\_item.Supplier\_no and iquantity <5;

Table created.

select\*from neworder;

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SUPPLIER\_NO** | **SNAME** | **SADDRESS** | **SCITY** | **ITEM\_NO** | **ITEM\_NAME** | **IQUANTITY** |
| S1001 | microtech | market road | bangalore | i1002 | monitor | 3 |
| S1003 | cats | 2nd cross | udupi | i1009 | harddisk | 3 |