create table customer18 (custid number(5)primary key,custname varchar2(15));

Table created.

0.22 seconds

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |

create table customer17 (custid number(5)primary key,custname varchar2(15));

desc customer17;

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [Object Type](javascript:popupFieldHelp('22156222310565561','4017082961750210','Close')) | **TABLE** | [Object](javascript:popupFieldHelp('22174606305655533','4017082961750210','Close')) | **CUSTOMER18** |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table** | | | | | **Column** | **Data Type** | **Length** | **Precision** | **Scale** | **Primary Key** | **Nullable** | **Default** | **Comment** |
| [CUSTOMER18](javascript:ret_Column('CSEA17.CUSTOMER18');) | | | | | [CUSTID](javascript:ret_Column('CUSTID');) | Number | - | 5 | 0 | 1 | - | - | - |
|  | | | | | [CUSTNAME](javascript:ret_Column('CUSTNAME');) | Varchar2 | 15 | - | - | - | nullable | - | - |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  | 1 - 2 |  |  | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | |
|  |  |  |  |

create table item17 (itemid number(4) primary key,itemname varchar2(15),price number(6,2));

Table created.

desc item17;

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [Object Type](javascript:popupFieldHelp('22156222310565561','4017082961750210','Close')) | **TABLE** | [Object](javascript:popupFieldHelp('22174606305655533','4017082961750210','Close')) | **ITEM17** |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table** | **Column** | **Data Type** | **Length** | **Precision** | **Scale** | **Primary Key** | **Nullable** | **Default** | **Comment** |
| [ITEM17](javascript:ret_Column('CSEA17.ITEM17');) | [ITEMID](javascript:ret_Column('ITEMID');) | Number | - | 4 | 0 | 1 | - | - | - |
|  | [ITEMNAME](javascript:ret_Column('ITEMNAME');) | Varchar2 | 15 | - | - | - | nullable | - | - |
|  | [PRICE](javascript:ret_Column('PRICE');) | Number | - | 6 | 2 | - | nullable | - | - |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  | 1 - 3 |  |  | | | | | | | | | | |
|  |  |  |  |

create table sale17 (billno number(5) primary key, billdate date, custid number(5) references customer17(custid),itemid number(4) references item17(itemid),qty number(4));

desc sale17;

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | [Object Type](javascript:popupFieldHelp('22156222310565561','4017082961750210','Close')) | **TABLE** | [Object](javascript:popupFieldHelp('22174606305655533','4017082961750210','Close')) | **SALE17** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Table** | **Column** | **Data Type** | **Length** | **Precision** | **Scale** | **Primary Key** | **Nullable** | **Default** | **Comment** | | [SALE17](javascript:ret_Column('CSEA17.SALE17');) | [BILLNO](javascript:ret_Column('BILLNO');) | Number | - | 5 | 0 | 1 | - | - | - | |  | [BILLDATE](javascript:ret_Column('BILLDATE');) | Date | 7 | - | - | - | nullable | - | - | |  | [CUSTID](javascript:ret_Column('CUSTID');) | Number | - | 5 | 0 | - | nullable | - | - | |  | [ITEMID](javascript:ret_Column('ITEMID');) | Number | - | 4 | 0 | - | nullable | - | - | |  | [QTY](javascript:ret_Column('QTY');) | Number | - | 4 | 0 | - | nullable | - | - | | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  | 1 - 5 |  |  | | | | | | | | | | | |  | |  |  |  | |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |

insert into customer17 values(1001,'ajay');

1 row(s) inserted.

insert into customer17 values(1002,'karthika');

insert into customer17 values(1003,'brindha');

insert into customer17 values(1004,'vinoth');

insert into customer17 values(1005,'gayu');

select \* from customer17;

|  |  |  |
| --- | --- | --- |
| **CUSTID** | | **CUSTNAME** |
| 1001 | | ajay |
| 1002 | | karthika |
| 1003 | | brindha |
| 1004 | | vinoth |
| 1005 | | gayu |
| 5 rows returned in 0.02 seconds | |  | [CSV Export](http://127.0.0.1:8080/apex/f?p=4500:1204:4017082961750210::::P1204_BROWSER_LANG:en-us) |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |

insert into item17 values(11,'pencil',25);

insert into item17 values(12,'pen',30);

insert into item17 values(13,'eraser',10);

insert into item17 values(14,'note',50);

insert into item17 values(15,'book',60);

select \* from item17;

|  |  |  |  |
| --- | --- | --- | --- |
| **ITEMID** | | **ITEMNAME** | **PRICE** |
| 11 | | pencil | 25 |
| 12 | | pen | 30 |
| 13 | | eraser | 10 |
| 14 | | note | 50 |
| 15 | | book | 60 |
| 5 rows returned in 0.00 seconds | |  |

insert into sale17 values(1,'08-jan-2019',1001,11,3);

insert into sale17 values(2,'08-jan-2019',1002,12,4);

insert into sale17 values(3,'08-jan-2019',1003,15,10);

insert into sale17 values(4,'08-jan-2019',1003,14,1);

select \* from sale17;

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **BILLNO** | | **BILLDATE** | **CUSTID** | | **ITEMID** | **QTY** |
| 1 | | 08-JAN-19 | 1001 | | 11 | 3 |
| 2 | | 08-JAN-19 | 1002 | | 12 | 4 |
| 3 | | 08-JAN-19 | 1003 | | 15 | 10 |
| 4 | | 08-JAN-19 | 1003 | | 14 | 1 |
| 4 rows returned in 0.02 seconds | | |

insert into sale17 values(:bn,:dt,:c,:i,:q);

1 row(s) inserted.

|  |  |
| --- | --- |
| :BN |  |
| :DT |  |
| :C |  |
| :I |  |
| :Q |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |

select c.custname,i.itemid,s.billno from customer17 c,item17 i,sale17 s where c.custid=s.custid and s.billdate=to\_char(sysdate);

no data found

select c.custname,i.itemid,s.billno from customer17 c,item17 i,sale17 s where c.custid=s.custid and s.billdate='08-jan-2019';

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **CUSTNAME** | | **ITEMID** | **BILLNO** |
| ajay | | 11 | 1 |
| ajay | | 12 | 1 |
| ajay | | 13 | 1 |
| ajay | | 14 | 1 |
| ajay | | 15 | 1 |
| karthika | | 11 | 2 |
| karthika | | 12 | 2 |
| karthika | | 13 | 2 |
| karthika | | 14 | 2 |
| karthika | | 15 | 2 |
| More than 10 rows available. Increase rows selector to view more rows. | | | |
| 10 rows returned in 0.01 seconds |  | [CSV](http://127.0.0.1:8080/apex/f?p=4500:1204:4017082961750210::::P1204_BROWSER_LANG:en-us) |

select c.custname,i.itemid,s.billno from customer17 c,item17 i,sale17 s where c.custid=s.custid and i.itemid=s.itemid and s.billdate='08-jan-2019';

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **CUSTNAME** | | **ITEMID** | **BILLNO** |
| ajay | | 11 | 1 |
| karthika | | 12 | 2 |
| brindha | | 15 | 3 |
| brindha | | 14 | 4 |
| gayu | | 12 | 5 |
| 5 rows returned in 0.00 seconds | |  |

select i.price,s.qty,(i.price\*s.qty) total from item17 i,sale17 s where i.itemid=s.itemid;

|  |  |  |
| --- | --- | --- |
| **PRICE** | **QTY** | **TOTAL** |
| 25 | 3 | 75 |
| 30 | 4 | 120 |
| 60 | 10 | 600 |
| 50 | 1 | 50 |
| 30 | 5 | 150 |

select c.custid,c.custname from customer17 c,sale17 s,item17 i where i.price>20 and c.custid=s.custid and i.itemid=s.itemid;

|  |  |  |
| --- | --- | --- |
| **CUSTID** | | **CUSTNAME** |
| 1001 | | ajay |
| 1002 | | karthika |
| 1003 | | brindha |
| 1003 | | brindha |
| 1005 | | gayu |
| 5 rows returned in 0.00 seconds | |