Exercise 6

Class|fybba(ca) remark|

Roll|31 date|

Q1

create table client31

(

clno varchar2(4) primary key,

clname varchar2(15)NOT NULL,

addr varchar2(15)

);

insert into client31 values('C004','ABHINAV','pune');

insert into client31 values('C005','GAURAV','pune');

create table sales31(

ordno number(4) primary key,

orddate date,

clno varchar2(4) references client31(clno) on delete cascade

);

insert into sales31 values(1001,'18-march-2019','C004');

insert into sales31 values(1002,'10-february-2019','C004');

insert into sales31 values(1003,'19-march-2019','C004');

insert into sales31 values(1004,'16-march-2019','C005');

insert into sales31 values(1005,'19-march-2019','C005');

insert into sales31 values(1006,'01-march-2019','C005');

insert into sales31 values(1007,'02-january-2018','C005');

insert into sales31 values(1008,'01-january-2018','C005');

query--->

3.

update sales31 SET orddate ='18-march-2019' WHERE clno='C004';

select \* from sales31

|  |  |  |
| --- | --- | --- |
| **ORDNO** | **ORDDATE** | **CLNO** |
| 1001 | 18-MAR-19 | C004 |
| 1002 | 18-MAR-19 | C004 |
| 1003 | 18-MAR-19 | C004 |
| 1004 | 16-MAR-19 | C005 |
| 1005 | 19-MAR-19 | C005 |
| 1006 | 01-MAR-19 | C005 |
| 1007 | 02-JAN-18 | C005 |
| 1008 | 01-JAN-18 | C005 |

4.

delete from sales31 where orddate <'10-february-2018';

|  |  |  |
| --- | --- | --- |
| **ORDNO** | **ORDDATE** | **CLNO** |
| 1001 | 18-MAR-19 | C004 |
| 1002 | 18-MAR-19 | C004 |
| 1003 | 18-MAR-19 | C004 |
| 1004 | 16-MAR-19 | C005 |
| 1005 | 19-MAR-19 | C005 |
| 1006 | 01-MAR-19 | C005 |
|  |  |  |

5.

select clname,orddate from client31,sales31 where client31.clno=sales31.clno order by(orddate);

|  |  |
| --- | --- |
| **CLNAME** | **ORDDATE** |
| GAURAV | 01-MAR-19 |
| GAURAV | 16-MAR-19 |
| ABHINAV | 18-MAR-19 |
| ABHINAV | 18-MAR-19 |
| ABHINAV | 18-MAR-19 |
| GAURAV | 19-MAR-19 |

Q2

create table client31(

clno varchar2(4) primary key,

clname varchar2(15)NOT NULL,

addr varchar2(15)

);

insert into client31 values('C004','ABHINAV','pune');

insert into client31 values('C005','GAURAV','pune');

create table sales31(

ordno number(4) primary key,

orddate date,

clno varchar2(4) references client31(clno) on delete cascade

);

insert into sales31 values(1001,'18-march-2019','C004');

insert into sales31 values(1002,'10-february-2019','C004');

insert into sales31 values(1003,'19-march-2019','C004');

insert into sales31 values(1004,'16-march-2019','C005');

insert into sales31 values(1005,'19-march-2019','C005');

insert into sales31 values(1006,'01-march-2019','C005');

insert into sales31 values(1007,'02-january-2018','C005');

insert into sales31 values(1008,'01-january-2018','C005');

query--->

3.

update sales31 SET orddate ='18-march-2019' WHERE clno='C004';

select \* from sales31

4.

delete from sales31 where orddate <'10-february-2018';

5.

select clname,orddate from client31,sales31 where client31.clno=sales31.clno order by(orddate);

Q2🡪

create table cust31101

(

cno number(3) primary key,

cname varchar2(15),

addr varchar2(15),

city varchar2(15)

);

insert into cust31101 values(101,'raghav','midc','baramati');

insert into cust31101 values(102,'manoj','midc','baramati');

insert into cust31101 values(103,'ranjit','khupr','pimpri');

insert into cust31101 values(104,'samay','midc','baramati');

create table loan31101

(

lno number(3) primary key,

lamt number(10) check(lamt>1000000)

);

insert into loan31101 values(1,11000000);

insert into loan31101 values(2,12000000);

insert into loan31101 values(3,11000000);

insert into loan31101 values(4,11000000);

create table custloan31

(

lno number(3) references loan31101 on delete cascade,

cno number(3) references cust31101 on delete cascade

);

insert into custloan31 values(1,101);

insert into custloan31 values(2,102);

insert into custloan31 values(3,103);

insert into custloan31 values(4,104);

Q3)🡪

create table book31

(

bkno number(3) primary key,

title varchar2(15),

auth varchar2(15),

price number check(price>0),

yp number(4)

);

create table cust31

(

cid number(3) primary key,

cname varchar2(15),

addr varchar2(15)

);

create table bc31(

bkno number(3) references book31(bkno) on delete cascade,

cid number(3) references cust31(cid) on delete cascade,

quan number(7)

);

insert into book31 values(101,'deep work','cal newport',100,2017);

insert into book31 values(102,'zero to one','peter theil',200,2013);

insert into book31 values(103,'atomic habbits','james clear',400,2018);

select \* from bc31;

insert into cust31 values(1,'hardik','mumbai');

insert into cust31 values(2,'raghav','baramati');

insert into cust31 values(3,'manohar','pune');

insert into cust31 values(4,'bandu','pune');

insert into cust31 values(5,'rithvik','mumbai');

insert into bc31 values(101,1,2);

insert into bc31 values(101,2,1);

insert into bc31 values(102,3,2);

insert into bc31 values(103,3,4);

insert into bc31 values(102,4,2);

insert into bc31 values(103,5,2);

select \* from cust31 where addr ='mumbai';

select \* from book31 order by auth;

select cust31.cname from bc31,cust31,book31 where bc31.bkno = book31.bkno and bc31.cid = cust31.cid and book31.yp =2013;

select cust31.cname from bc31,cust31,book31 where bc31.bkno = book31.bkno and bc31.cid = cust31.cid and bc31.quan > 3;

select distinct book31.title from bc31,cust31,book31 where bc31.bkno = book31.bkno and bc31.cid = cust31.cid and book31.price between 100 and 300;