|  |
| --- |
| create table branch( |
|  | bname varchar2(20), |
|  | bcity varchar2(20), |
|  | assents number(9,2), |
|  | primary key (bname) |
|  | ); |
|  |  |
|  | create table accounts( |
|  | bname varchar2(20), |
|  | accno number(10), |
|  | balance number(9,2), |
|  | primary key(accno), |
|  | foreign key (bname) references branch(bname) |
|  | ); |
|  |  |
|  | create table depositor( |
|  | cname varchar2(20), |
|  | accno number(10), |
|  | primary key(cname,accno), |
|  | foreign key (accno) references accounts(accno), |
|  | foreign key (cname) references customer(cname) |
|  | ); |
|  |  |
|  | create table customer( |
|  | cname varchar2(20), |
|  | cstreet varchar2(20), |
|  | city varchar2(20), |
|  | primary key (cname) |
|  | ); |
|  |  |
|  | create table loan( |
|  | loanNo number(10), |
|  | amount number(9,2), |
|  | bname varchar2(20), |
|  | primary key (loanNo), |
|  | foreign key (bname) references branch(bname) |
|  | ); |
|  |  |
|  | create table borrower( |
|  | cname varchar2(20), |
|  | loanNo number(10), |
|  | primary key (cname), |
|  | foreign key (loanNo) references loan(loanNo), |
|  | foreign key (cname) references customer(cname) |
|  | ); |
|  |  |
|  | insert into branch values('A5', 'C4', 12345.69); |
|  |  |
|  | insert into accounts values('A5', 7654321, 2198.1); |
|  | insert into accounts values('A3', 7654322, 34555.1); |
|  | insert into accounts values('A1', 7654323, 123456.1); |
|  | insert into accounts values('A2', 7654324, 1234.1); |
|  | insert into accounts values('A4', 7654325, 54678.1); |
|  | commit; |
|  |  |
|  |  |
|  |  |
|  | select \* from branch; |