

Sagar CM
1BM21CS181

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create database banking;
use banking;
create table branch1(
branch_name varchar(20),
branch_city varchar(20),
assets real,
primary key(branch_name));
desc branch1;
create table bankaccount1(
accno int,
branch_name varchar(20),
balance real,
primary key(accno),
foreign key(branch_name) references branch1(branch_name));
desc bankaccount1;

create table BankCustomer(
customer_name varchar(20),
customer_street varchar(20),
customer_city varchar(20),
primary key(customer_name));

create table Depositer2(
customer_name varchar(20),
accno int,
primary key (customer_name,accno),
foreign key(customer_name) references bankCustomer(customer_name),
foreign key(accno) references bankaccount1(accno));
desc Depositer2;

create table loan(
loan_no int,
branch_name varchar(20),
amount real,
primary key(branch_name),
foreign key(branch_name) references branch1(branch_name));
drop table depositer;

insert into branch1 values('SBI_Cham','banglore',324);
insert into branch1 values('SBI_RR','banglore',334);
insert into branch1 values('SBI_PR','banglore',32234);
insert into branch1 values('SBI_NRC','banglore',3.45);
insert into branch1 values('SBI_SR','banglore',3234.4);
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insert into bankaccount1 values(2156313,'SBI_Cham',324);
insert into bankaccount1 values(215,'SBI_Cham',321232);
insert into bankaccount1 values(215631,'SBI_SR',324);
insert into bankaccount1 values(21531,'SBI_SR',32324);
insert into bankaccount1 values(25631,'SBI_NRC',324);

insert into bankcustomer values('sagar','TR_NAGAR','banglore');
insert into bankcustomer values('saraag','RR_NAGAR','banglore');
insert into bankcustomer values('kithan','RT_NAGAR','banglore');
insert into bankcustomer values('s','SS_Nagar','banglore');
insert into bankcustomer values('SSSR','TR_NAGAR','banglore');

insert into depositer2 values('sagar',215);
insert into depositer2 values('sagar',215631);
insert into depositer2 values('s',21531);
insert into depositer2 values('SSSR',215);
insert into depositer2 values('kithan',25631);

insert into loan values(21,'SBI_Cham',215);
insert into loan values(31,'SBI_SR',215);
insert into loan values(21,'SBI_Cham',215631);
insert into loan values(21,'SBI_PR',215);
insert into loan values(21,'SBI_RR',25631);

ALTER TABLE branch1 RENAME COLUMN assets TO assets_in_lakhs;

select customer_name from bankaccount1 b,depositer2 d
where b.accno=d.accno and b.branch_name='SBI_Cham'
group by branch_name having count(d.accno) > 1;

create view sumloan
as select sum(amount),branch_name
from loan
group by branch_name;
select * from sumloan;
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