

BANK

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create database bankdb;

use bankdb;

create table branch(branch_name varchar(20),
branch_city varchar(20),
assets int,
primary key(branch_name));

create table bankaccount(acc_no int,
branch_name varchar(20),
balance real,
primary key(acc_no),
foreign key(branch_name) references branch(branch_name));

create table bankcust(cust_name varchar(50),
cust_street varchar(50),
cust_city varchar(50),
primary key(cust_name));

create table loan(loan_number int,
branch_name varchar(20),
amount real,
primary key(loan_number),
foreign key(branch_name) references branch(branch_name));

create table depositer(cust_name varchar(50),
acc_no int,
foreign key(cust_name) references bankcust(cust_name),
foreign key(acc_no) references bankaccount(acc_no));

insert into branch values("SBI_CHAMRAJPET","Bangalore",50000),
("SBI_RESIDENCYRAOD","Bangalore",10000),
("SBI_SHIVAJIROAD","Bombay",20000),
("SBI_PARLIMENT","Delhi",10000),
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("SBI_JANTARMANTAR","Delhi",20000);

insert into bankaccount values(1,"SBI_CHAMRAJPET",2000),

(2,"SBI_RESIDENCYRAOD",5000),

(3,"SBI_SHIVAJIROAD",6000),

(4,"SBI_PARLIMENT",9000),

(5,"SBI_JANTARMANTAR",8000);

insert into bankcust values("Avinash","btr","bangalore"),

("dinesh","br","bangalore"),

("mohan","ncr","bangalore"),

("nikhil","ar","delhi"),

("ravi","pr","delhi");

insert into loan values(1,"SBI_CHAMRAJPET",1000),

(2,"SBI_RESIDENCYRAOD",2000),

(3,"SBI_SHIVAJIROAD",3000),

(4,"SBI_PARLIMENT",4000),

(5,"SBI_JANTARMANTAR",5000);

insert into depositer values("Avinash",1),

("dinesh",2),

("nikhil",3),

("ravi",4),

("Avinash",5);

select branch_name,(assets/100000) as assets_in_lakhs

from branch;

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OUTPUT:

	branch_name	assets_in_lakhs
▶	SBI_CHAMRAJPET	0.5000
	SBI_JANTARMANTAR	0.2000
	SBI_PARLIMENT	0.1000
	SBI_RESIDENCYRAOD	0.1000
	SBI_SHIVAJIROAD	0.2000

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select d.cust_name

from depositer d

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join bankaccount a on d.acc_no=a.acc_no  
group by a.branch_name,d.cust_name  
having count(d.acc_no)>2;
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OUTPUT:

	cust_name
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select branch_name,sum(amount)  
from loan  
group by branch_name;
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OUTPUT:

	branch_name	sum(amount)
▶	SBI_CHAMRAJPET	1000
	SBI_JANTARMANTAR	5000
	SBI_PARLIMENT	4000
	SBI_RESIDENCYRAOD	2000
	SBI_SHIVAJIROAD	3000