

BANK DATABASE

select*from branch;

	branch_name	branch_city	assets
▶	HDFC_Kormangala	Bangalore	45000
	ICICI_MGroad	Bangalore	40000
	SBI_Jayanagar	Bangalore	30000
	SBI_ResidencyRoad	Bangalore	50000
	SBI_Whitefield	Bangalore	350000
*	NULL	NULL	NULL

select*from BankAccount;

	acc_no	branch_name	balance
▶	101	SBI_ResidencyRoad	50000.00
	102	SBI_ResidencyRoad	75000.00
	103	SBI_Jayanagar	60000.00
	104	HDFC_Kormangala	80000.00
	105	SBI_ResidencyRoad	55000.00
*	NULL	NULL	NULL

select*from BankCustomer;

	customer_name	customer_street	customer_city
▶	Anita	Koramangala	Bangalore
	Mahesh	Indiranagar	Bangalore
	Priya	Whitefield	Bangalore
	Ramesh	MG Road	Bangalore
	Suresh	Jayanagar	Bangalore
*	NULL	NULL	NULL

select*from Depositer;

	customer_name	acc_no
▶	Ramesh	101
	Ramesh	102
	Suresh	103
	Mahesh	104
	Ramesh	105
*	NULL	NULL

select*from loan;

	loan_number	branch_name	amount
▶	201	SBI_ResidencyRoad	200000.00
	202	SBI_ResidencyRoad	300000.00
	203	SBI_Jayanagar	150000.00
	204	HDFC_Kormangala	250000.00
	205	ICICI_MGroad	180000.00
*	NULL	NULL	NULL

SELECT branch_name, (assets/100000) AS "assets in lakhs" FROM Branch;

	branch_name	assets in lakhs
▶	HDFC_Kormangala	0.4500
	ICICI_MGroad	0.4000
	SBI_Jayanagar	0.3000
	SBI_ResidencyRoad	0.5000
	SBI_Whitefield	3.5000

SELECT d.customer_name, b.branch_name, COUNT(*) AS num_accounts FROM Depositer d JOIN BankAccount b ON d.acc_no = b.acc_no

GROUP BY d.customer_name, b.branch_name HAVING COUNT(*) >= 2;

	customer_name	branch_name	num_accounts
▶	Ramesh	SBI_ResidencyRoad	3

CREATE VIEW BranchLoanSummary AS SELECT branch_name, SUM(amount) AS total_loans FROM Loan GROUP BY branch_name;

select *from BranchLoanSummary;

	branch_name	total_loans
▶	HDFC_Kormangala	250000.00
	ICICI_MGroad	180000.00
	SBI_Jayanagar	150000.00
	SBI_ResidencyRoad	500000.00