

ADDITIONAL QUERIES :

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CREATE TABLE BankBranch(
    branch-name VARCHAR(50) PRIMARY KEY,
    branch-city VARCHAR(50),
    assets REAL);

CREATE TABLE Account(
    accno INT PRIMARY KEY,
    branch-name VARCHAR(50),
    balance REAL,
    FOREIGN KEY (branch-name) REFERENCES
    BankBranch(branch-name);

CREATE TABLE Customer(
    customer-name VARCHAR(50) PRIMARY KEY,
    customer-street VARCHAR(50),
    customer-city VARCHAR(50));

CREATE TABLE Deposit(
    customer-name VARCHAR(50),
    accno INT, PRIMARY KEY (customer-name, accno),
    FOREIGN KEY (customer-name) REFERENCES
    Customer(customer-name), FOREIGN KEY (accno)
    REFERENCES Account(accno));

CREATE TABLE Loan(
    loan-number INT PRIMARY KEY,
    branch-name VARCHAR(50),
    amount REAL,
    FOREIGN KEY (branch-name) REFERENCES BankBranch
    (branch-name));
```

INSERT INTO Bank Branch values
(‘SBI - Residency Road’, ‘Bangalore’, 8000000),
(‘SBI - Chamrajpet’, ‘Bangalore’, 6000000),
(‘SBI - Shivaji Road’, ‘Bombay’, 7000000),
(‘SBI - Parliament Road’, ‘Delhi’, 5000000),
(‘SBI - Jantarmantar’, ‘Delhi’, 4000000);

INSERT INTO Account values
(1001, ‘SBI - Residency Road’, 50000),
(1002, ‘SBI - Chamrajpet’, 75000),
(1003, ‘SBI - Shivaji Road’, 60000),
(1004, ‘SBI - Parliament Road’, 80000),
(1005, ‘SBI - Jantarmantar’, 55000),
(1006, ‘SBI - Residency Road2’, 90000);

INSERT INTO Customer values
(‘Ravi Kumar’, ‘Church Street’, ‘Bangalore’),
(‘Priya Singh’, ‘MG Road’, ‘Bangalore’),
(‘Arjun Mehta’, ‘Residency Road’, ‘Bangalore’),
(‘Neha Gupta’, ‘Akbar Road’, ‘Delhi’),
(‘Rahul Das’, ‘Prithviraj Road’, ‘Delhi’);

INSERT INTO Depositer values
(‘Ravi Kumar’, 1001),
(‘Ravi Kumar’, 1002),
(‘Priya Singh’, 1003),
(‘Arjun Mehta’, 1004),
(‘Neha Gupta’, 1005),
~~(‘Ravi Kumar’, 1006);~~

~~INSER INTO Loan values~~
(‘2010’, ‘SBI - Residency Road’, 800000),
(‘2020’, ‘SBI - Chamrajpet’, 250000),
(‘2030’, ‘SBI - Shivaji Road’, 400000),
(‘2040’, ‘SBI - Parliament Road’, 350000),
(‘2050’, ‘SBI - Jantarmantar’, 200000);

SELECT * FROM LOAN ORDER BY AMOUNT DESC;

loan-number	branch-name	amount
203	SBI - ShivajiRoad	400000
204	SBI - ParliamentRoad	350000
201	SBI - ResidencyRoad	300000
202	SBI - Chamrajpet	250000
205	SBI - Jantar Mantar	200000

CREATE VIEW BranchLoanSummary2 AS
SELECT branch-name,
SUM(amount) AS total-loan-amount
FROM 'loan'
GROUP BY branch-name;

SELECT * FROM BranchLoanSummary2;
branch-name total-loan-amount
SBI - Chamrajpet 250000
SBI - Jantar Mantar 200000
SBI - ParliamentRoad 350000
SBI - ResidencyRoad 300000
SBI - ShivajiRoad 400000

UPDATE Account2
SET balance = balance * 1.05;

SELECT accno, branch-name, balance, FROM
Account2;

accno	branch-name	balance
1001	SBI - RE E eswariNagRoad	525000
1002	SBI - Chamrajpet	78750
1003	SBI - Shivaji Road	63000
1004	SBI - Parliament Road	84000
1005	SBI - Jantar mantar	57750
1006	SBI - Residency Road	94500

SELECT DISTINCT C.customer-name
 From Customer S C
 Where C.customer-name IN (
 SELECT D.customer-name
 FROM Depositors D.name);
~~FROM Depositor~~

Customer-name

Arjun Mehta

Neha Gupta

Priya Singh

Ravi Kumar

