

## ADDITIONAL QUERIES :

```
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 Depositor(  
    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 Loan2(  
    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 - Jantarmantra, '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 - Jantarmantra', 55000),  
(1006, 'SBI - Residency Road 2', 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 Depositor values  
(Ravi Kumar, 1001),  
(Ravi Kumar, 1002),  
(Priya Singh, 1003),  
(Arjun Mehta, 1004),  
(Neha Gupta, 1005),  
~~(Ravi Kumar, 1006);~~

INSERT INTO Loan values  
(201, 'SBI - Residency Road', 300000),  
(202, 'SBI - Chamrajpet', 250000),  
(203, 'SBI - Shivaji Road', 400000),  
(204, 'SBI - Parliament Road', 350000),  
(205, 'SBI - Jantarmantra', 200000);



SELECT \* FROM LOAN ORDER BY AMOUNT DESC;

loan_number	branch_name	amount
203	SBI-Shivaji Road	400000
204	SBI-Parliament Road	350000
201	SBI-Residency Road	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-Parliament Road      350000  
SBI-Residency Road      300000  
SBI-Shivaji Road      400000

UPDATE Account2  
SET balance = balance \* 1.05;

SELECT accno, branch\_name, balance FROM  
Account2;



accno	branch_name	balance
1001	SBI - Residency Road	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 Depositor D name );

```

Customer-name

Arjun Mehta

Neha Gupta

Priya Singh

Ravi Kumar