Create three tables named as Bank, Account holder and Loan table.

Table created for bank:-

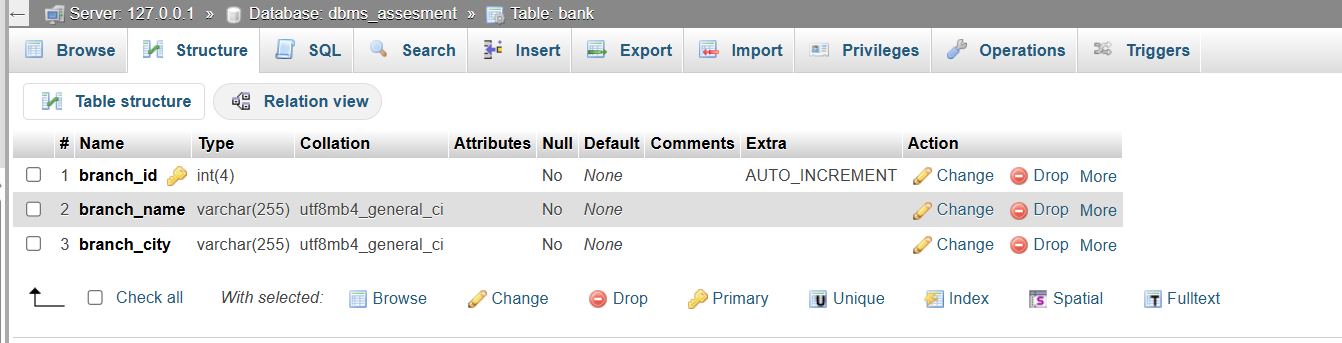


Table created for account holder:-

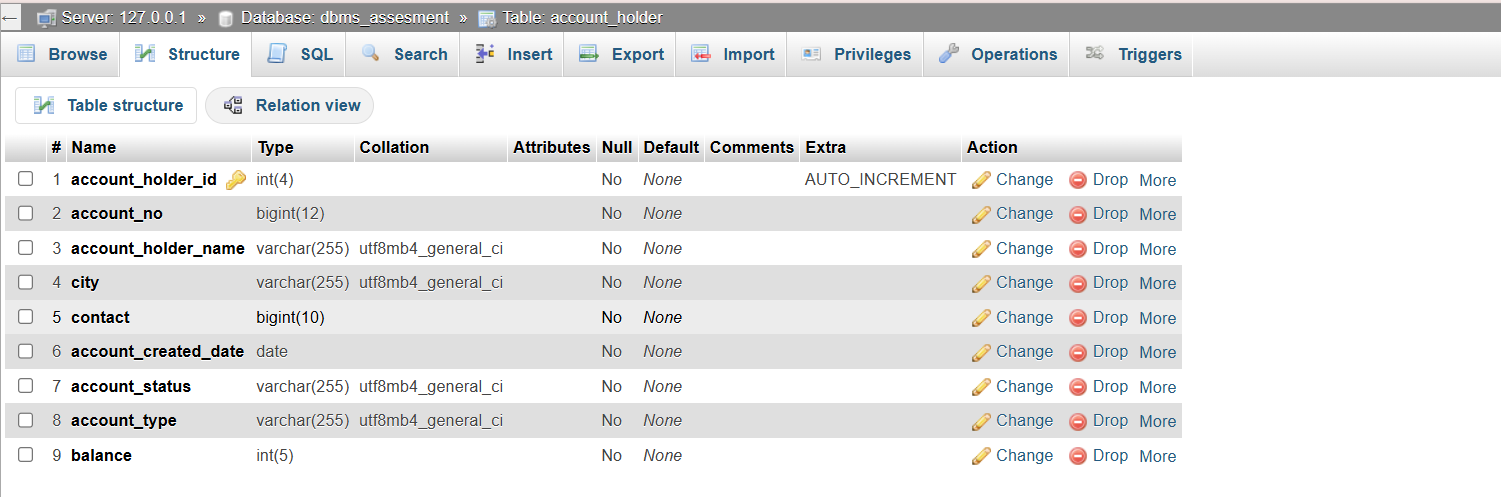
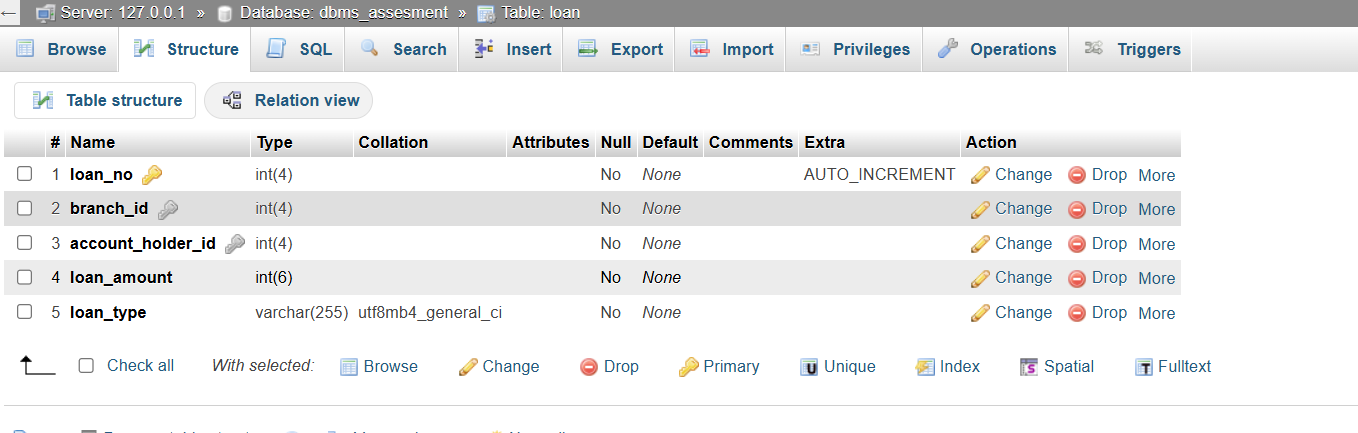
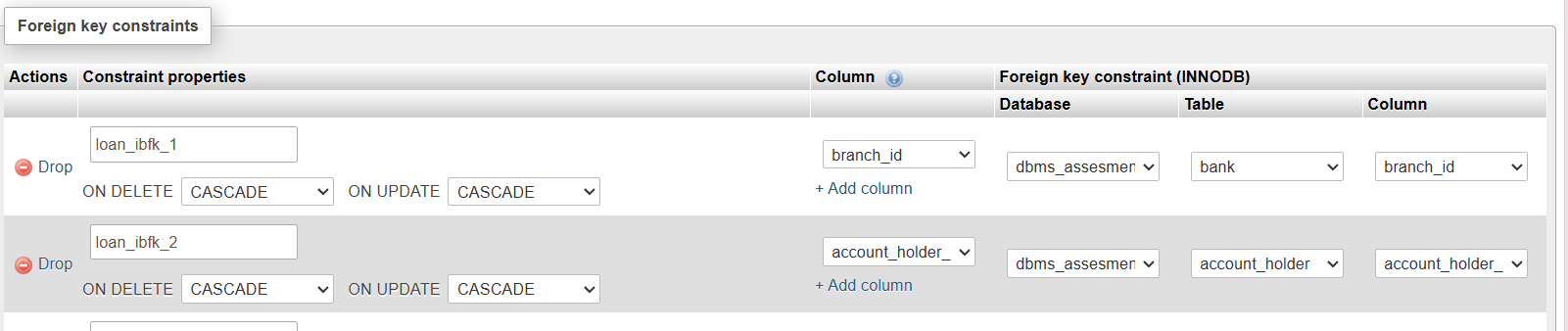


Table created for loan:-



Give Relation of Foreign Key Constraint to branch\_id and account\_holder\_id:-



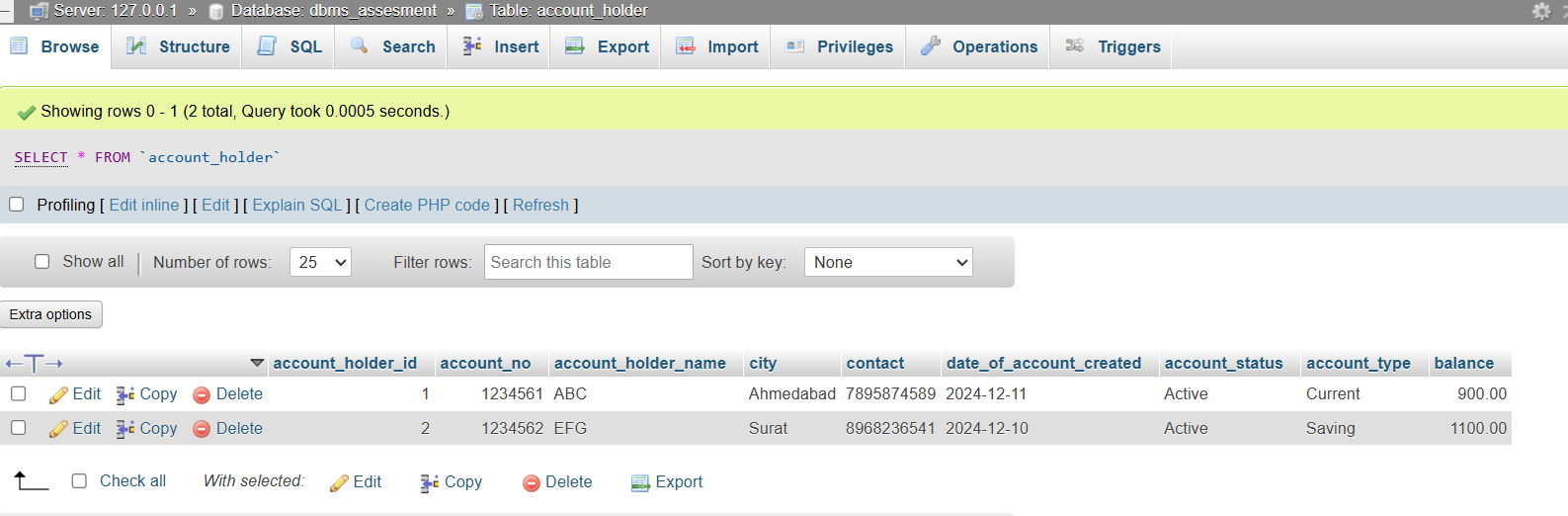
* Insert data in account\_holder table for begin the transaction
* INSERT INTO `account\_holder` (`account\_holder\_id`, `account\_no`, `account\_holder\_name`, `city`, `contact`, `date\_of\_account\_created`, `account\_status`, `account\_type`, `balance`) VALUES
* (1, 1234561, 'ABC', 'Ahmedabad', '7895874589', '2024-12-11', 'Active', 'Current', 1000.00),
* (2, 1234562, 'EFG', 'Surat', '8968236541', '2024-12-10', 'Active', 'Saving', 1000.00);
* Transfer Funds from Acc1 to Acc2 and update the balance in both account

START TRANSACTION ;

UPDATE account\_holder SET balance=balance-100 WHERE account\_no=’1234561’;

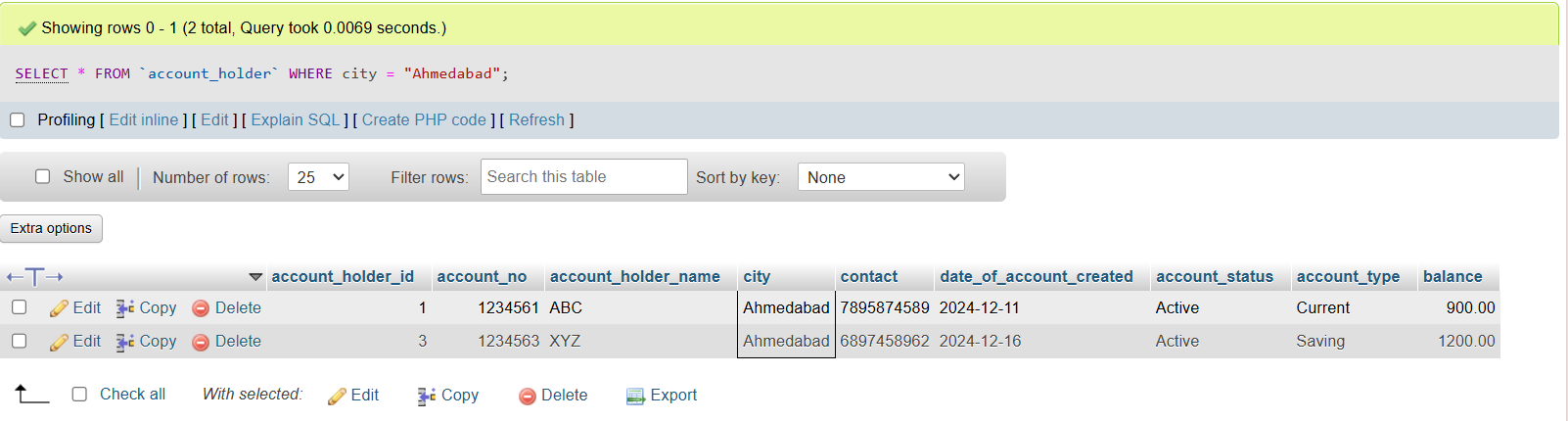
UPDATE account\_holder SET balance=balance+100 WHERE account\_no=’1234562’;

COMMIT;



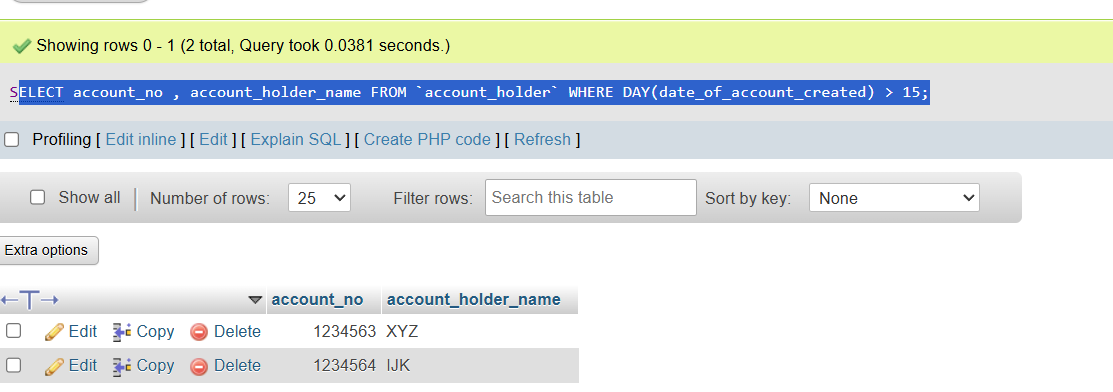
After this balance Updated ..

Data From Same City:- SELECT \* FROM `account\_holder` WHERE city = "Ahmedabad"



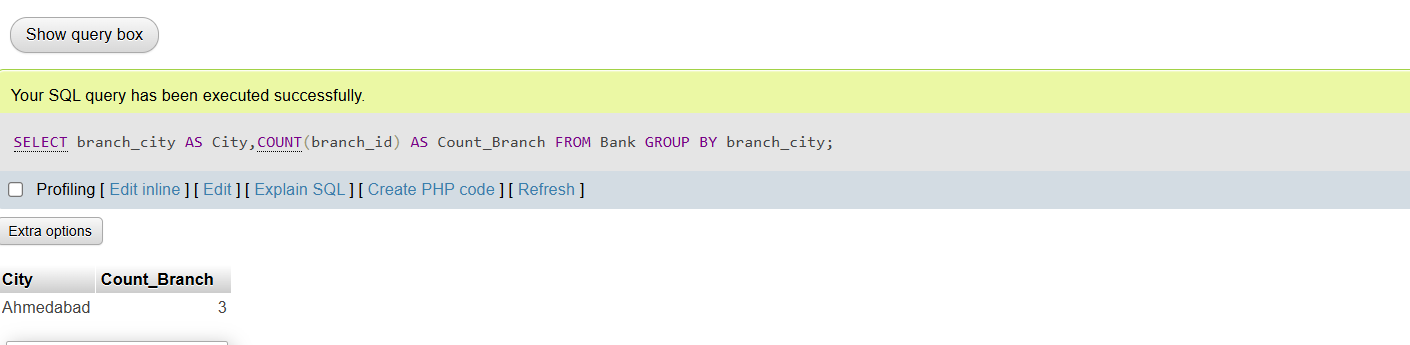
Fetch Account No and Account Holder Name Records where accounts created after the 15th of any month

SELECT account\_no , account\_holder\_name FROM `account\_holder` WHERE DAY(date\_of\_account\_created) > 15;



Records to display the city name and count the branches in each city, with the count of branches aliased as Count\_Branch

* SELECT branch\_city AS City, COUNT(branch\_id) AS Count\_Branch FROM Bank GROUP BY branch\_city;



Records to display the account holder’s id, account holder’s name, branch id, and loan amount for people who have taken loans. (NOTE : use sql join concept to solve the query)

* SELECT a.account\_holder\_id, a.account\_holder\_name, l.branch\_id, l.loan\_amount FROM loan l JOIN account\_holder a ON l.account\_holder\_id = a.account\_holder\_id;

