MariaDB [(none)]> create database bank;

Query OK, 1 row affected (0.05 sec)

MariaDB [(none)]> use bank;

Database changed

MariaDB [bank]> create table account(acc\_no int(10),branch\_name varchar(20),balance int(10));

Query OK, 0 rows affected (0.14 sec)

MariaDB [bank]> create table branch(branch\_name varchar(20),branch\_city varchar(20),asset int(10));

Query OK, 0 rows affected (0.05 sec)

MariaDB [bank]> create table customer(cust\_name varchar(20),cust\_street varchar(20),cust\_city varchar(10));

Query OK, 0 rows affected (0.05 sec)

MariaDB [bank]> create table depositer(cust\_name varchar(20),acc\_no int(10));

Query OK, 0 rows affected (0.05 sec)

MariaDB [bank]> create table loan(loan\_no int(10) primary key,branch\_name varchar(20),amount int(10));

Query OK, 0 rows affected (0.12 sec)

create table borrower(cust\_name varchar(10),loan\_no int(10), FOREIGN KEY loan\_o(loan\_no) REFERENCES loan(loan\_no));

Query OK, 0 rows affected (0.29 sec)

MariaDB [bank]> insert into account values(1,'bibwewadi',100);

Query OK, 1 row affected (0.10 sec)

MariaDB [bank]> insert into account values(2,'akurdi',101);

Query OK, 1 row affected (0.01 sec)

MariaDB [bank]> insert into account values(3,'nigdi',102);

Query OK, 1 row affected (0.01 sec)

MariaDB [bank]> insert into branch values('bibwewadi','pune',1);

Query OK, 1 row affected (0.03 sec)

MariaDB [bank]> insert into branch values('akurdi','goa',2);

Query OK, 1 row affected (0.02 sec)

MariaDB [bank]> insert into branch values('nigdi','punjab',3);

Query OK, 1 row affected (0.01 sec)

MariaDB [bank]> insert into customer values('bank','bibwewadi','pune');

Query OK, 1 row affected (0.01 sec)

MariaDB [bank]> insert into customer values('more','shivajinagar','pune');

Query OK, 1 row affected (0.01 sec)

MariaDB [bank]> insert into customer values('kirti','katraj','pune');

Query OK, 1 row affected (0.01 sec)

MariaDB [bank]> insert into depositer values('bank',1);

Query OK, 1 row affected (0.02 sec)

MariaDB [bank]> insert into depositer values('more',2);

Query OK, 1 row affected (0.01 sec)

MariaDB [bank]> insert into depositer values('kirti',3);

Query OK, 1 row affected (0.02 sec)

MariaDB [bank]> insert into loan values(101,'bibwewadi',1000);

Query OK, 1 row affected (0.02 sec)

MariaDB [bank]> insert into loan values(102,'akurdi',1001);

Query OK, 1 row affected (0.02 sec)

MariaDB [bank]> insert into loan values(103,'nigdi',1002);

Query OK, 1 row affected (0.03 sec)

MariaDB [bank]> insert into borrower values('bank',101);

Query OK, 1 row affected (0.02 sec)

MariaDB [bank]> insert into borrower values('more',102);

Query OK, 1 row affected (0.01 sec)

MariaDB [bank]> insert into borrower values('kirti',103);

Query OK, 1 row affected (0.01 sec)

MariaDB [bank]> select branch\_name from loan;

+-------------+

| branch\_name |

+-------------+

| bibwewadi |

| akurdi |

| nigdi |

+-------------+

MariaDB [bank]> select \* from loan natural left join borrower;

+---------+-------------+--------+-----------+

| loan\_no | branch\_name | amount | cust\_name |

+---------+----------------- +--------+-----------+

| 101 | bibwewadi | 1000 | bank |

| 102 | akurdi | 1001 | more |

| 103 | nigdi | 1002 | kirti |

+---------+-----------------+--------+-----------+

MariaDB [bank]> select b.cust\_name from borrower b, loan i where i.loan\_no=b.loan\_no and i.branch\_name='akurdi';

+-----------+

| cust\_name |

+----------- +

| more |

+-----------+

MariaDB [bank]> select avg(balance) from account where branch\_name='akurdi';

+----------------+

| avg(balance) |

+----------------+

| 101.0000 |

+----------------+

MariaDB [bank]> select avg(balance) from account;

+----------------+

| avg(balance) |

+----------------+

| 101.0000 |

+----------------+

MariaDB [bank]> select count(acc\_no) from depositer;

+------------------+

| count(acc\_no) |

+------------------+

| 3 |

+------------------+

MariaDB [bank]> select loan\_no from loan where branch\_name='akurdi' and amount>12000;

Empty set (0.01 sec)

MariaDB [bank]> select count(\*) from customer;

+----------+

| count(\*) |

+----------+

| 3 |

+----------+

MariaDB [bank]> select sum(amount) from loan;

+-----------------+

| sum(amount) |

+----------------+

| 3003 |

+----------------+

MariaDB [bank]> update branch set branch\_city='nigdipradhikaran' where branch\_name='nigdi';

Query OK, 1 row affected (0.48 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [bank]> select \* from branch;

+----------------+--------------------+-------+

| branch\_name | branch\_city | asset |

+----------------+--------------------+-------+

| bibwewadi | pune | 1 |

| akurdi | goa | 2 |

| nigdi | nigdipradhikaran | 3 |

+---------------+-----------------------+------+

3 rows in set (0.03 sec)