

```
select customer.customer_name, loan.loan_number, loan.branch_name from customer inner
join borrower on customer.customer_id = borrower.customer_id inner join loan on
borrower.loan_number = loan.loan_number where loan.branch_name = 'Downtown';
```

```
MariaDB [Bank]> select customer.customer_name, loan.loan_number, loan.branch_name from customer inner join borrower on customer.customer_id = borrower.customer_id inner join
loan on borrower.loan_number = loan.loan_number where loan.branch_name = 'Downtown';
```

customer_name	loan_number	branch_name
Johnson	L-14	Downtown
Jones	L-17	Downtown
Williams	L-17	Downtown

```
3 rows in set (0.001 sec)
```

```
select customer1.customer_name as Customer1, customer2.customer_name as Customer2,
customer1.customer_city as city from customer as customer1 join customer as customer2 on
customer1.customer_name <= customer2.customer_name group by customer1.customer_city;
```

```
MariaDB [Bank]> select customer1.customer_name as Customer1, customer2.customer_name as Customer2, customer1.customer_city as city from customer as customer1 join customer a
s customer2 on customer1.customer_name <= customer2.customer_name group by customer1.customer_city;
```

Customer1	Customer2	city
Brooks	Jones	Brooklyn
Jones	Jones	Harrison
Johnson	Jones	Palo Alto
Adams	Jones	Pittsfield
Williams	Williams	Princeton
Curry	Jones	Rye
Green	Jones	Stamford
Glenn	Jones	Woodside

```
8 rows in set (0.000 sec)
```

```
select branch_name as Branch_name, ((assets/100)*4) as Total_Interest from branch;
```

```
MariaDB [Bank]> select branch_name as Branch_name, ((assets/100)*4) as Total_Interest from branch;
```

Branch_name	Total_Interest
Brighton	284000.0000
Downtown	360000.0000
Mianus	16000.0000
North Town	148000.0000
Perryridge	68000.0000
Pownal	12000.0000
Redwood	84000.0000
Round Hill	320000.0000

```
8 rows in set (0.000 sec)
```

```
select account.account_number, branch.branch_city from account inner join branch on
account.branch_name=branch.branch_name where account.balance in (select
max(account.balance) from account inner join branch on
account.branch_name=branch.branch_name group by branch.branch_city) group by
branch.branch_city;
```

```
MariaDB [Bank]> select account.account_number, branch.branch_city from account inner join branch on account.branch_name=branch.branch_name where account.balance in (select m
ax(account.balance) from account inner join branch on account.branch_name=branch.branch_name group by branch.branch_city) group by branch.branch_city;
```

account_number	branch_city
A-201	Brooklyn
A-215	Horseneck
A-222	Palo Alto

```
3 rows in set (0.000 sec)
```

select loan.loan\_number, loan.amount, customer.customer\_name from ((loan inner join borrower on loan.loan\_number = borrower.loan\_number) inner join customer on borrower.customer\_id = customer.customer\_id) order by loan.amount desc limit 5;

```
MariaDB [Bank]> select loan.loan_number, loan.amount, customer.customer_name from ((loan inner join borrower on loan.loan_number = borrower.loan_number) inner join customer on borrower.customer_id = customer.customer_id) order by loan.amount desc limit 5;
```

loan_number	amount	customer_name
L-23	2000	Smith
L-14	1500	Johnson
L-15	1500	Hayes
L-16	1300	Adams
L-17	1000	Jones

5 rows in set (0.000 sec)

select customer.customer\_name from (((customer inner join depositor on customer.customer\_id = depositor.customer\_id) inner join borrower on customer.customer\_id = borrower.customer\_id) inner join loan on borrower.loan\_number=loan.loan\_number) where loan.branch\_name = "Perryridge" group by customer.customer\_name;

```
MariaDB [Bank]> select customer.customer_name from (((customer inner join depositor on customer.customer_id = depositor.customer_id) inner join borrower on customer.customer_id = borrower.customer_id) inner join loan on borrower.loan_number=loan.loan_number) where loan.branch_name = "Perryridge" group by customer.customer_name ;
```

customer_name
Hayes

1 row in set (0.000 sec)

select customer.customer\_name, sum(loan.amount) as total\_loan from ((customer inner join borrower on customer.customer\_id=borrower.customer\_id) inner join loan on borrower.loan\_number = loan.loan\_number) where customer.customer\_id = (select borrower.customer\_id from borrower group by borrower.customer\_id having count(borrower.loan\_number) >=2 ) group by customer.customer\_name;

```
MariaDB [Bank]> select customer.customer_name, sum(loan.amount) as total_loan from ((customer inner join borrower on customer.customer_id=borrower.customer_id) inner join loan on borrower.loan_number = loan.loan_number) where customer.customer_id = (select borrower.customer_id from borrower group by borrower.customer_id having count(borrower.loan_number) >=2 ) group by customer.customer_name;
```

customer_name	total_loan
Smith	2900

1 row in set (0.000 sec)