1.

```
mysql> insert into branch values(1234,'Butwal',2000000);
Query OK, 1 row affected (0.03 sec)

mysql>    insert into branch values(5678,'Milanchowk', 6500000);
Query OK, 1 row affected (0.02 sec)

mysql>    insert into branch values(9101,'Harichowk', 5200000);
Query OK, 1 row affected (0.02 sec)

mysql>    insert into branch values(1213,'Pokhara', 490000);
Query OK, 1 row affected (0.02 sec)

mysql>    insert into branch values(1415,'Bagar', 200000);
Query OK, 1 row affected (0.02 sec)

mysql>    insert into branch values(1617,'Kathmandu', 5000000);
Query OK, 1 row affected (0.02 sec)

mysql>    insert into branch values(1819,'Pulchowk',1500000);
Query OK, 1 row affected (0.02 sec)

mysql>    insert into branch values(2021,'Baneshwor',8000000);
Query OK, 1 row affected (0.03 sec)

mysql>    insert into branch values(2223,'Bhairahawa',250000);
Query OK, 1 row affected (0.02 sec)

mysql>    insert into branch values(2425,'Palpa',650000);
Query OK, 1 row affected (0.02 sec)
```

```
mysql>    insert into customer values('Sandesh Bashyal','Siddhartha Tol',
'Butwal');
Query OK, 1 row affected (0.02 sec)

mysql>    insert into customer values('Prashant Baral','Mankamana Tol','B
ardaghat');
Query OK, 1 row affected (0.02 sec)

mysql>    insert into customer values('Prakanda Shrestha','Prithivi marg'
,'Golpark');
Query OK, 1 row affected (0.03 sec)

mysql>    insert into customer values('Martine Wauben','Lumbini Road','Bh
airahawa');
Query OK, 1 row affected (0.02 sec)

mysql>    insert into customer values('Jack Smith','Shukkanagar','Bhaktap
ur');
Query OK, 1 row affected (0.03 sec)

mysql>    insert into customer values('Mark Tedd','Chabel','Kathmandu');
Query OK, 1 row affected (0.02 sec)

mysql>    insert into customer values('Sams Raja','Srijana Chowk','Pokhar
a');
Query OK, 1 row affected (0.03 sec)

mysql>    insert into customer values('Sudip Tiwari','Pulchowk','Lalitpur
');
Query OK, 1 row affected (0.02 sec)

mysql>    insert into customer values('Bibek Sapkota','Hallanchowk','Pokh
ara');
Query OK, 1 row affected (0.02 sec)

mysql>    insert into customer values('Sarah Rani','Bharatpur Marg','Nara
yanghat');
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into account values(112987456,1234,30000);
Query OK, 1 row affected (0.02 sec)

mysql> insert into account values(112874563,5678,45000);
Query OK, 1 row affected (0.02 sec)

mysql> insert into account values(112745632,9101,80000);
Query OK, 1 row affected (0.03 sec)

mysql> insert into account values(112456321,1213,60000);
Query OK, 1 row affected (0.02 sec)

mysql> insert into account values(112563210,1415,78000);
Query OK, 1 row affected (0.02 sec)

mysql> insert into account values(112632109,1617,20000);
Query OK, 1 row affected (0.02 sec)

mysql> insert into account values(112321098,1819,15000);
Query OK, 1 row affected (0.02 sec)

mysql> insert into account values(112210987,2021,16000);
Query OK, 1 row affected (0.03 sec)

mysql> insert into account values(112109876,2223,300000);
Query OK, 1 row affected (0.02 sec)

mysql> insert into account values(112098765,2425,111000);
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into loan values(056743215,1234,100000);
Query OK, 1 row affected (0.02 sec)

mysql> insert into loan values(765286123,5678,20000);
Query OK, 1 row affected (0.03 sec)

mysql> insert into loan values(101923573,9101,200000);
Query OK, 1 row affected (0.03 sec)

mysql> insert into loan values(120124042,1213,500000);
Query OK, 1 row affected (0.02 sec)

mysql> insert into loan values(792639946,1415,65000);
Query OK, 1 row affected (0.02 sec)

mysql> insert into loan values(237634995,1617,70000);
Query OK, 1 row affected (0.02 sec)

mysql> insert into loan values(825394514,1819,400000);
Query OK, 1 row affected (0.03 sec)

mysql> insert into loan values(927347552,2021,230000);
Query OK, 1 row affected (0.01 sec)

mysql> insert into loan values(098623431,2223,105000);
Query OK, 1 row affected (0.01 sec)

mysql> insert into loan values(029346992,2425,1500000);
Query OK, 1 row affected (0.03 sec)
```

Here bank name is changed from number to names using syntax, and is shown in tables:
update loan set branch_name = 'Bhaktapur' where loan_number = 927347552;
update account set branch_name = 'Tinkune' where account_number = 112098765;

```
mysql> insert into borrower values('Bibek Sapkota', 056743215);
Query OK, 1 row affected (0.02 sec)

mysql> insert into borrower values('Jack Smith', 765286123);
Query OK, 1 row affected (0.02 sec)

mysql> insert into borrower values('Mark Tedd', 101923573);
Query OK, 1 row affected (0.02 sec)

mysql> insert into borrower values('Martine Wauben', 029346992);
Query OK, 1 row affected (0.02 sec)

mysql> insert into borrower values('Prakanda Shrestha', 927347552);
Query OK, 1 row affected (0.02 sec)

mysql> insert into borrower values('Prashant Baral', 792639946);
Query OK, 1 row affected (0.03 sec)

mysql> insert into borrower values('Sams Raja', 792639946);
Query OK, 1 row affected (0.02 sec)

mysql> insert into borrower values('Sandesh Bashyal', 237634995);
Query OK, 1 row affected (0.02 sec)

mysql> insert into borrower values('Sarah Rani', 825394514);
Query OK, 1 row affected (0.02 sec)

mysql> insert into borrower values('Sudip Tiwari', 098623431);
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into depositor values('Bibek Sapkota',112987456);
Query OK, 1 row affected (0.02 sec)

mysql> insert into depositor values('Jack Smith',112874563);
Query OK, 1 row affected (0.02 sec)

mysql> insert into depositor values('Mark Tedd',112745632);
Query OK, 1 row affected (0.03 sec)

mysql> insert into depositor values('Martine Wauben',112456321);
Query OK, 1 row affected (0.03 sec)

mysql> insert into depositor values('Prakanda Shrestha',11256321
Query OK, 1 row affected (0.02 sec)

mysql> insert into depositor values('Prashant Baral',112632109);
Query OK, 1 row affected (0.02 sec)

mysql> insert into depositor values('Sams Raja',112321098);
Query OK, 1 row affected (0.02 sec)

mysql> insert into depositor values('Sandesh Bashyal',112210987)
Query OK, 1 row affected (0.03 sec)

mysql> insert into depositor values('Sarah Rani',112109876);
Query OK, 1 row affected (0.02 sec)

mysql> insert into depositor values('Sudip Tiwari',112098765);
Query OK, 1 row affected (0.02 sec)
```

2.

```
mysql> select * from branch;
+---------------+-------------+---------+
| branch_number | branch_city | assests |
+---------------+-------------+---------+
|          1213 | Pokhara     |  490000 |
|          1234 | Butwal      | 2000000 |
|          1415 | Bagar       |  200000 |
|          1617 | Kathmandu   | 5000000 |
|          1819 | Pulchowk    | 1500000 |
|          2021 | Baneshwor   | 8000000 |
|          2223 | Bhairahawa  |  250000 |
|          2425 | Palpa       |  650000 |
|          5678 | Milanchowk  | 6500000 |
|          9101 | Harichowk   | 5200000 |
+---------------+-------------+---------+
10 rows in set (0.00 sec)
```

3.

```
mysql> select * from customer
    -> ;
+-------------------+-----------------+----------------+
| customer_name     | customer_street | customer_city  |
+-------------------+-----------------+----------------+
| Bibek Sapkota     | Hallanchowk     | Pokhara        |
| Jack Smith        | Shukkanagar     | Bhaktapur      |
| Mark Tedd         | Chabel          | Kathmandu      |
| Martine Wauben    | Lumbini Road    | Bhairahawa     |
| Prakanda Shrestha | Prithivi marg   | Golpark        |
| Prashant Baral    | Mankamana Tol   | Bardaghat      |
| Sams Raja         | Srijana Chowk   | Pokhara        |
| Sandesh Bashyal   | Siddhartha Tol  | Butwal         |
| Sarah Rani        | Bharatpur Marg  | Narayanghat    |
| Sudip Tiwari      | Pulchowk        | Lalitpur       |
+-------------------+-----------------+----------------+
10 rows in set (0.00 sec)
```

4.

```
mysql> select * from loan;
+-------------+-------------+---------+
| loan_number | branch_name | amount  |
+-------------+-------------+---------+
|    29346992 | Tinkune     | 1500000 |
|    56743215 | Butwal      |  100000 |
|    98623431 | Washigton   |  105000 |
|   101923573 | Chauraha    |  200000 |
|   120124042 | Kathmandu   |  500000 |
|   237634995 | Pokhara     |   70000 |
|   765286123 | Zero        |   20000 |
|   792639946 | Lalitpur    |   65000 |
|   825394514 | Pulchowk    |  400000 |
|   927347552 | Bhaktapur   |  230000 |
+-------------+-------------+---------+
10 rows in set (0.00 sec)
```

5.

```
mysql> select * from borrower;
+-------------------+---------------+
| customer_name     | loan_number   |
+-------------------+---------------+
| Martine Wauben    |     29346992  |
| Bibek Sapkota     |     56743215  |
| Sudip Tiwari      |     98623431  |
| Mark Tedd         |    101923573  |
| Sandesh Bashyal   |    237634995  |
| Jack Smith        |    765286123  |
| Prashant Baral    |    792639946  |
| Sams Raja         |    792639946  |
| Sarah Rani        |    825394514  |
| Prakanda Shrestha |    927347552  |
+-------------------+---------------+
10 rows in set (0.00 sec)
```

6.

```
mysql> select * from account;
+----------------+-------------+---------+
| account_number | branch_name | balance |
+----------------+-------------+---------+
|      112098765 | Tinkune     |  111000 |
|      112109876 | Butwal      |  300000 |
|      112210987 | Washigton   |   16000 |
|      112321098 | Chauraha    |   15000 |
|      112456321 | Kathmandu   |   60000 |
|      112563210 | Pokhara     |   78000 |
|      112632109 | Zero        |   20000 |
|      112745632 | Lalitpur    |   80000 |
|      112874563 | Pulchowk    |   45000 |
|      112987456 | Bhaktapur   |   30000 |
+----------------+-------------+---------+
10 rows in set (0.01 sec)
```

7.

```
mysql> select * from loan limit 5
    -> ;
+-------------+-------------+---------+
| loan_number | branch_name | amount  |
+-------------+-------------+---------+
|    29346992 | Tinkune     | 1500000 |
|    56743215 | Butwal      |  100000 |
|    98623431 | Washigton   |  105000 |
|   101923573 | Chauraha    |  200000 |
|   120124042 | Kathmandu   |  500000 |
+-------------+-------------+---------+
5 rows in set (0.00 sec)
```

8.

```
mysql> select distinct * from loan;
+-------------+-------------+---------+
| loan_number | branch_name | amount  |
+-------------+-------------+---------+
|    29346992 | Tinkune     | 1500000 |
|    56743215 | Butwal      |  100000 |
|    98623431 | Washigton   |  105000 |
|   101923573 | Chauraha    |  200000 |
|   120124042 | Kathmandu   |  500000 |
|   237634995 | Pokhara     |   70000 |
|   765286123 | Zero        |   20000 |
|   792639946 | Lalitpur    |   65000 |
|   825394514 | Pulchowk    |  400000 |
|   927347552 | Bhaktapur   |  230000 |
+-------------+-------------+---------+
10 rows in set (0.00 sec)
```

9.

```
mysql> select loan_number from loan where branch_name = 'Tinkune' and amou
nt = 1500000;
+-------------+
| loan_number |
+-------------+
|    29346992 |
+-------------+
1 row in set (0.00 sec)
```

10.

```
mysql> select loan_number from loan where amount >= 50000 and amount <= 10
00000;
+-------------+
| loan_number |
+-------------+
|    56743215 |
|    98623431 |
|   101923573 |
|   120124042 |
|   237634995 |
|   792639946 |
|   825394514 |
|   927347552 |
+-------------+
8 rows in set (0.00 sec)
```

11.

```
mysql> select l.loan_number, b.customer_name, l.amount from loan as l, bor
rower as b where l.loan_number = b.loan_number;
+-------------+------------------+---------+
| loan_number | customer_name    | amount  |
+-------------+------------------+---------+
|    29346992 | Martine Wauben   | 1500000 |
|    56743215 | Bibek Sapkota    |  100000 |
|    98623431 | Sudip Tiwari     |  105000 |
|   101923573 | Mark Tedd        |  200000 |
|   237634995 | Sandesh Bashyal  |   70000 |
|   765286123 | Jack Smith       |   20000 |
|   792639946 | Prashant Baral   |   65000 |
|   792639946 | Sams Raja        |   65000 |
|   825394514 | Sarah Rani       |  400000 |
|   927347552 | Prakanda Shrestha|  230000 |
+-------------+------------------+---------+
10 rows in set (0.00 sec)
```

12.

```
mysql> select l.loan_number, b.customer_name, l.amount from loan as l, bor
rower as b where l.loan_number = b.loan_number and l.branch_name = 'Tinkun
e';
+-------------+----------------+---------+
| loan_number | customer_name  | amount  |
+-------------+----------------+---------+
|    29346992 | Martine Wauben | 1500000 |
+-------------+----------------+---------+
1 row in set (0.00 sec)
```

13.

```
mysql> select branch_city,assets from branch where assets > some (select a
ssets from branch where branch_city='Baneshwor');
Empty set (0.00 sec)
```

14.

```
mysql> select customer_name from customer where customer_street like '%mai
n%';
Empty set (0.00 sec)
```

15.

```
mysql> select customer_name from customer where customer_name like '____%'
;
+------------------+
| customer_name    |
+------------------+
| Bibek Sapkota    |
| Jack Smith       |
| Mark Tedd        |
| Martine Wauben   |
| Prakanda Shrestha|
| Prashant Baral   |
| Sams Raja        |
| Sandesh Bashyal  |
| Sarah Rani       |
| Sudip Tiwari     |
+------------------+
10 rows in set (0.00 sec)
```

16.

```
mysql> select customer_name from customer where customer_name like 'b%a';
+---------------+
| customer_name |
+---------------+
| Bibek Sapkota |
+---------------+
1 row in set (0.01 sec)
```

17.

```
mysql> select b.customer_name, l.branch_name from borrower as b, loan as l
 where l.loan_number = b.loan_number and l.branch_name = 'Tinkune' order b
y customer_name;
+----------------+-------------+
| customer_name  | branch_name |
+----------------+-------------+
| Martine Wauben | Tinkune     |
+----------------+-------------+
1 row in set (0.00 sec)
```

18.

```
mysql> select * from loan order by amount desc, loan_number asc;
+-------------+-------------+---------+
| loan_number | branch_name | amount  |
+-------------+-------------+---------+
|    29346992 | Tinkune     | 1500000 |
|   120124042 | Kathmandu   |  500000 |
|   825394514 | Pulchowk    |  400000 |
|   927347552 | Bhaktapur   |  230000 |
|   101923573 | Chauraha    |  200000 |
|    98623431 | Washigton   |  105000 |
|    56743215 | Butwal      |  100000 |
|   237634995 | Pokhara     |   70000 |
|   792639946 | Lalitpur    |   65000 |
|   765286123 | Zero        |   20000 |
+-------------+-------------+---------+
10 rows in set (0.00 sec)
```

19.

```
mysql> (select d.customer_name, a.account_number from depositor as d, account as a
    -> where d.account_number = a.account_number)
    -> union
    -> (select b.customer_name, l.loan_number from borrower as b, loan as l
    -> where b.loan_number = l.loan_number);
+-------------------+----------------+
| customer_name     | account_number |
+-------------------+----------------+
| Sudip Tiwari      |      112098765 |
| Sarah Rani        |      112109876 |
| Sandesh Bashyal   |      112210987 |
| Sams Raja         |      112321098 |
| Martine Wauben    |      112456321 |
| Prakanda Shrestha |      112563210 |
| Prashant Baral    |      112632109 |
| Mark Tedd         |      112745632 |
| Jack Smith        |      112874563 |
| Bibek Sapkota     |      112987456 |
| Martine Wauben    |       29346992 |
| Bibek Sapkota     |       56743215 |
| Sudip Tiwari      |       98623431 |
| Mark Tedd         |      101923573 |
| Sandesh Bashyal   |      237634995 |
| Jack Smith        |      765286123 |
| Prashant Baral    |      792639946 |
| Sams Raja         |      792639946 |
| Sarah Rani        |      825394514 |
| Prakanda Shrestha |      927347552 |
+-------------------+----------------+
20 rows in set (0.02 sec)
```

20.

```
mysql> select distinct d.customer_name, d.account_number from depositor as d,
 borrower as b, loan as l where d.customer_name = b.customer_name and b.loan_
number = l.loan_number;
+--------------------+----------------+
| customer_name      | account_number |
+--------------------+----------------+
| Sudip Tiwari       |      112098765 |
| Sarah Rani         |      112109876 |
| Sandesh Bashyal    |      112210987 |
| Sams Raja          |      112321098 |
| Martine Wauben     |      112456321 |
| Prakanda Shrestha  |      112563210 |
| Prashant Baral     |      112632109 |
| Mark Tedd          |      112745632 |
| Jack Smith         |      112874563 |
| Bibek Sapkota      |      112987456 |
+--------------------+----------------+
10 rows in set (0.01 sec)
```

21.

```
mysql> select customer_name from depositor where customer_name not in (select
 customer_name from borrower);
Empty set (0.00 sec)
```

22.

```
mysql> select balance from account order by balance desc limit 1;
+---------+
| balance |
+---------+
|  300000 |
+---------+
1 row in set (0.00 sec)
```

23.

```
mysql> select customer_name, branch_name from depositor as d, account as a wh
ere d.account_number = a.account_number and branch_name in ("Pokhara", "Banes
hwor");
+--------------------+-------------+
| customer_name      | branch_name |
+--------------------+-------------+
| Prakanda Shrestha  | Pokhara     |
+--------------------+-------------+
1 row in set (0.00 sec)
```

24.

```
mysql> select avg(balance) as avg_blc from account where branch_name = "Pokha
ra";
+------------+
| avg_blc    |
+------------+
| 78000.0000 |
+------------+
1 row in set (0.00 sec)
```

25.

```
mysql> select count(*) from customer;
+----------+
| count(*) |
+----------+
|       10 |
+----------+
1 row in set (0.04 sec)
```

26.

```
mysql> select branch_name, avg(balance) as avg_blc from account group by bran
ch_name;
+--------------+--------------+
| branch_name  | avg_blc      |
+--------------+--------------+
| Tinkune      |  111000.0000 |
| Butwal       |  300000.0000 |
| Washigton    |   16000.0000 |
| Chauraha     |   15000.0000 |
| Kathmandu    |   60000.0000 |
| Pokhara      |   78000.0000 |
| Zero         |   20000.0000 |
| Lalitpur     |   80000.0000 |
| Pulchowk     |   45000.0000 |
| Bhaktapur    |   30000.0000 |
+--------------+--------------+
10 rows in set (0.00 sec)
```

27.

```
mysql> select count(*), branch_name from account as a, depositor as d where a
.account_number = d.account_number group by branch_name;
+----------+--------------+
| count(*) | branch_name  |
+----------+--------------+
|        1 | Tinkune      |
|        1 | Butwal       |
|        1 | Washigton    |
|        1 | Chauraha     |
|        1 | Kathmandu    |
|        1 | Pokhara      |
|        1 | Zero         |
|        1 | Lalitpur     |
|        1 | Pulchowk     |
|        1 | Bhaktapur    |
+----------+--------------+
10 rows in set (0.00 sec)
```

28.

```
mysql> select branch_name from account group by branch_name having avg(balanc
e)>5000;
+--------------+
| branch_name  |
+--------------+
| Tinkune      |
| Butwal       |
| Washigton    |
| Chauraha     |
| Kathmandu    |
| Pokhara      |
| Zero         |
| Lalitpur     |
| Pulchowk     |
| Bhaktapur    |
+--------------+
10 rows in set (0.00 sec)
```

29.

```
mysql> select avg(balance) as avg_blc from account;
+--------------+
| avg_blc      |
+--------------+
|  75500.0000  |
+--------------+
1 row in set (0.00 sec)
```

30.
```
mysql> select new_tb.customer_name from (select customer_name, count(customer
_city) as count_city from customer where customer_city = "Bharatpur" group by
 customer_name) as new_tb where new_tb.count_city = 3;
Empty set (0.00 sec)
```

31.
```
mysql> select a.account_number, d.customer_name from account as a, depositor as d
where a.branch_name = "Pokhara" and a.account_number = d.account_number  intersect
 select l.loan_number as loan_num, b.customer_name from loan as l, borrower as
b where l.branch_name = "Kathmandu" and l.loan_number = b.loan_number;
Empty set (0.00 sec)
```

32.
```
mysql> select l.loan_number, b.customer_name from loan as l, borrower as b
    -> where l.loan_number = b.loan_number except
    -> select a.account_number, d.customer_name from account as a, depositor as d
    -> where a.account_number = d.account_number;
+-------------+-------------------+
| loan_number | customer_name     |
+-------------+-------------------+
|    29346992 | Martine Wauben    |
|    56743215 | Bibek Sapkota     |
|    98623431 | Sudip Tiwari      |
|   101923573 | Mark Tedd         |
|   237634995 | Sandesh Bashyal   |
|   765286123 | Jack Smith        |
|   792639946 | Prashant Baral    |
|   792639946 | Sams Raja         |
|   825394514 | Sarah Rani        |
|   927347552 | Prakanda Shrestha |
+-------------+-------------------+
10 rows in set (0.00 sec)
```

33.
```
mysql> select sum(balance) as total_blc from account;
+-----------+
| total_blc |
+-----------+
|    755000 |
+-----------+
1 row in set (0.00 sec)
```

34.
```
mysql> select count(distinct branch_name) from account group by branch_name;
+-----------------------------+
| count(distinct branch_name) |
+-----------------------------+
|                           1 |
|                           1 |
|                           1 |
|                           1 |
|                           1 |
|                           1 |
|                           1 |
|                           1 |
|                           1 |
|                           1 |
+-----------------------------+
10 rows in set (0.00 sec)
```

35.

```
mysql> select sum(balance), branch_name from account group by branch_name;
+--------------+-------------+
| sum(balance) | branch_name |
+--------------+-------------+
|       111000 | Tinkune     |
|       300000 | Butwal      |
|        16000 | Washigton   |
|        15000 | Chauraha    |
|        60000 | Kathmandu   |
|        78000 | Pokhara     |
|        20000 | Zero        |
|        80000 | Lalitpur    |
|        45000 | Pulchowk    |
|        30000 | Bhaktapur   |
+--------------+-------------+
10 rows in set (0.00 sec)
```

36.

```
mysql> select max(balance), sum(balance), branch_name from account group by
branch_name;
+--------------+--------------+-------------+
| max(balance) | sum(balance) | branch_name |
+--------------+--------------+-------------+
|       111000 |       111000 | Tinkune     |
|       300000 |       300000 | Butwal      |
|        16000 |        16000 | Washigton   |
|        15000 |        15000 | Chauraha    |
|        60000 |        60000 | Kathmandu   |
|        78000 |        78000 | Pokhara     |
|        20000 |        20000 | Zero        |
|        80000 |        80000 | Lalitpur    |
|        45000 |        45000 | Pulchowk    |
|        30000 |        30000 | Bhaktapur   |
+--------------+--------------+-------------+
```

37.

```
mysql> select b.customer_name, l.loan_number, l.branch_name from loan as l,
borrower as b where b.loan_number = l.loan_number and b.customer_name not in
 ("Prashant Baral", "Prakanda Shrestha");
+-----------------+-------------+-------------+
| customer_name   | loan_number | branch_name |
+-----------------+-------------+-------------+
| Martine Wauben  |    29346992 | Tinkune     |
| Bibek Sapkota   |    56743215 | Butwal      |
| Sudip Tiwari    |    98623431 | Washigton   |
| Mark Tedd       |   101923573 | Chauraha    |
| Sandesh Bashyal |   237634995 | Pokhara     |
| Jack Smith      |   765286123 | Zero        |
| Sams Raja       |   792639946 | Lalitpur    |
| Sarah Rani      |   825394514 | Pulchowk    |
+-----------------+-------------+-------------+
8 rows in set (0.00 sec)
```

38.

```
mysql> select branch_city, assets from branch where assets > some (select as
sets from branch where branch_city like "Pokhara");
+-------------+---------+
| branch_city | assets  |
+-------------+---------+
| Butwal      | 2000000 |
| Kathmandu   | 5000000 |
| Pulchowk    | 1500000 |
| Baneshwor   | 8000000 |
| Palpa       |  650000 |
| Milanchowk  | 6500000 |
| Harichowk   | 5200000 |
+-------------+---------+
```

39.

```
mysql> select branch_city, assets from branch where assets > all (select ass
ets from branch where branch_city = "b3");
+-------------+---------+
| branch_city | assets  |
+-------------+---------+
| Pokhara     |  490000 |
| Butwal      | 2000000 |
| Bagar       |  200000 |
| Kathmandu   | 5000000 |
| Pulchowk    | 1500000 |
| Baneshwor   | 8000000 |
| Bhairahawa  |  250000 |
| Palpa       |  650000 |
| Milanchowk  | 6500000 |
| Harichowk   | 5200000 |
+-------------+---------+
10 rows in set (0.00 sec)
```

40.

```
mysql> DELETE FROM depositor WHERE account_number IN (SELECT account_number
FROM account WHERE branch_name = "Kathmandu");
Query OK, 1 row affected (0.03 sec)

mysql> DELETE FROM account WHERE branch_name = "Kathmandu";
Query OK, 1 row affected (0.04 sec)
```

41.

```
mysql> DELETE FROM borrower WHERE loan_number IN (SELECT loan_number FROM lo
an WHERE amount BETWEEN 13000 AND 150000);
Query OK, 6 rows affected (0.03 sec)
```

42.

```
mysql> delete from account where branch_name = "Baneshwor";
Query OK, 0 rows affected (0.00 sec)
```

43.

```
mysql> ALTER TABLE depositor
    -> DROP FOREIGN KEY fkey_cons2;
Query OK, 0 rows affected (0.06 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> DELETE FROM account
    -> WHERE balance < (SELECT avg_balance FROM avg_balance_temp);
Query OK, 5 rows affected (0.03 sec)

mysql> DROP TEMPORARY TABLE avg_balance_temp;
Query OK, 0 rows affected (0.00 sec)
```

44.

```
mysql> update account set balance = balance * 1.05;
Query OK, 4 rows affected (0.02 sec)
Rows matched: 4  Changed: 4  Warnings: 0
```

47.

```
mysql> update account set balance= case when balance>1000 then balance *1.06
 else balance * 1.05 end;
Query OK, 4 rows affected (0.02 sec)
Rows matched: 4  Changed: 4  Warnings: 0
```

48, 49, 50.

```
mysql> create view all_customer as select d.customer_name, a.branch_name fro
m account as a, depositor as d where a.account_number = d.account_number;
Query OK, 0 rows affected (0.03 sec)

mysql> select * from all_customer;
+-------------------+--------------+
| customer_name     | branch_name  |
+-------------------+--------------+
| Sudip Tiwari      | Tinkune      |
| Sarah Rani        | Butwal       |
| Sandesh Bashyal   | Washigton    |
| Sams Raja         | Chauraha     |
| Martine Wauben    | Kathmandu    |
| Prakanda Shrestha | Pokhara      |
| Prashant Baral    | Zero         |
| Mark Tedd         | Lalitpur     |
| Jack Smith        | Pulchowk     |
| Bibek Sapkota     | Bhaktapur    |
+-------------------+--------------+
10 rows in set (0.01 sec)

mysql> drop view all_customer;
Query OK, 0 rows affected (0.03 sec)
```

51.

```
mysql> select * from borrower as b left join customer as c on b.customer_name = c.customer_name;
+-------------------+-------------+-------------------+----------------+---------------+
| customer_name     | loan_number | customer_name     | customer_street | customer_city |
+-------------------+-------------+-------------------+----------------+---------------+
| Martine Wauben    |    29346992 | Martine Wauben    | Lumbini Road    | Bhairahawa    |
| Bibek Sapkota     |    56743215 | Bibek Sapkota     | Hallanchowk     | Pokhara       |
| Sudip Tiwari      |    98623431 | Sudip Tiwari      | Pulchowk        | Lalitpur      |
| Mark Tedd         |   101923573 | Mark Tedd         | Chabel          | Kathmandu     |
| Sandesh Bashyal   |   237634995 | Sandesh Bashyal   | Siddhartha Tol  | Butwal        |
| Jack Smith        |   765286123 | Jack Smith        | Shukkanagar     | Bhaktapur     |
| Prashant Baral    |   792639946 | Prashant Baral    | Mankamana Tol   | Bardaghat     |
| Sams Raja         |   792639946 | Sams Raja         | Srijana Chowk   | Pokhara       |
| Sarah Rani        |   825394514 | Sarah Rani        | Bharatpur Marg  | Narayanghat   |
| Prakanda Shrestha |   927347552 | Prakanda Shrestha | Prithivi marg   | Golpark       |
+-------------------+-------------+-------------------+----------------+---------------+
10 rows in set (0.00 sec)
```