## Experiment - 8

## Aim:

Write the queries to implement the set operations.

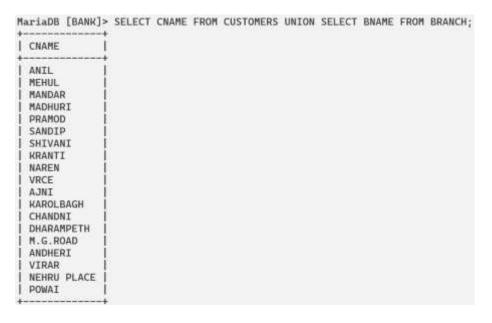
Tool used: MariaDB.

## **Set operations Queries:**

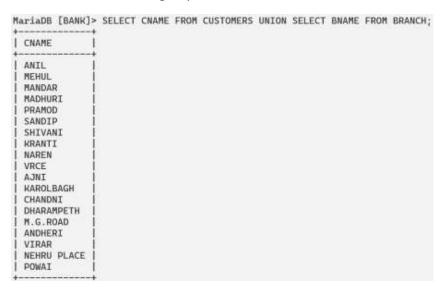
**Query-1:** Retrieve a list of all customer names who have made a deposit or live in the same city as their branch.

**Query-2:** Retrieve a list of customer names who have made a deposit and also live in the same city as their branch.

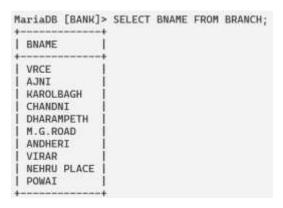
**Query-3:** Retrieve a combined list of all customer names and branch names from the Customers and Branch tables.



**Query-4:** Retrieve a combined list of all customer names and branch names from the Customers and Branch tables, including duplicates.



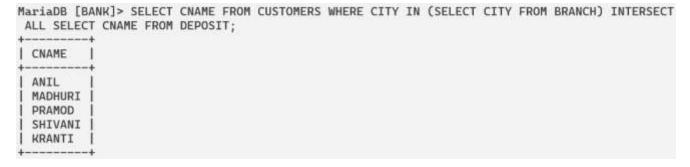
Query-5: Retrieve a list of all unique branch names from the Branch table.



**Query-6:** Retrieve a list of all customer names who have made a deposit but do not live in the same city as their branch.

Query-7: Retrieve a list of all unique customer names from the Customers table.

**Query-8:** Retrieve a list of all customer names who have made a deposit and also live in the same city as their branch, including duplicates.



**Query-9:** Retrieve a list of all customer names who have made a deposit but do not live in the same city as their branch, including duplicates.

```
MariaDB [BANK]> SELECT CNAME FROM DEPOSIT EXCEPT ALL SELECT CNAME FROM CUSTOMERS WHERE CITY IN (SELECT CITY FROM BRANCH);

+----+
| CNAME |

+----+
| SUNIL |
| MEHUL |
| SANDIP |
| MINU |
| ANKITA |
```

**Query-10:** Retrieve a list of all customer names who have made a deposit or live in the same city as their branch, including duplicates.

