

TE IT

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Design banking database with at least 3 entities and relationships between them.
Apply DCL and DDL commands. Draw suitable ER/EER diagram for the system.

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MySQL 8.0 Command Line Client - Unicode
mysql> create database bank;
Query OK, 1 row affected (0.09 sec)

mysql> use bank;
Database changed
mysql> create table customer(id int, name varchar(40), address varchar(40));
Query OK, 0 rows affected (0.65 sec)

mysql> alter table customer drop column address;
Query OK, 0 rows affected (1.42 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> alter table customer rename to customer_new;
Query OK, 0 rows affected (0.42 sec)

mysql> insert into customer_new values(1, "Yatish");
Query OK, 1 row affected (0.06 sec)

mysql> insert into customer_new values(2, "Maitreya");
Query OK, 1 row affected (0.23 sec)

mysql> insert into customer_new values(3, "Omkar");
Query OK, 1 row affected (0.03 sec)

mysql> insert into customer_new values(4, "Amey");
Query OK, 1 row affected (0.20 sec)

mysql> insert into customer_new values(5, "Shrirang");
Query OK, 1 row affected (0.06 sec)

mysql> select * from customer_new;
+----+-----+
| id | name |
+----+-----+
| 1  | Yatish |
| 2  | Maitreya |
| 3  | Omkar |
| 4  | Amey |
| 5  | Shrirang |
+----+-----+
5 rows in set (0.00 sec)

mysql> truncate table customer_new;
Query OK, 0 rows affected (0.80 sec)

mysql> select * from customer_new;
Empty set (0.20 sec)

mysql> drop table customer_new;
Query OK, 0 rows affected (0.82 sec)
```

```
MySQL 8.0 Command Line Client - Unicode
mysql> drop table customer_new;
Query OK, 0 rows affected (0.82 sec)

mysql> show tables;
Empty set (0.44 sec)

mysql> CREATE USER 'omkar'@'localhost' IDENTIFIED BY 'pass';
Query OK, 0 rows affected (0.24 sec)

mysql> grant all on bank to 'omkar'@'localhost';
Query OK, 0 rows affected (0.17 sec)

mysql> revoke all on bank from 'omkar'@'localhost';
Query OK, 0 rows affected (0.10 sec)
```

