cc1@cc1-desktop:~$ mysql

ERROR 1045 (28000): Access denied for user 'cc1'@'localhost' (using password: NO)

cc1@cc1-desktop:~$ sudo mysql

[sudo] password for cc1:

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 8

Server version: 5.7.41-0ubuntu0.18.04.1 (Ubuntu)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create user 'mca38'@'localhost' identified by 'password'

-> ;

Query OK, 0 rows affected (0.33 sec)

mysql> grant all privileges on \*.\* to 'mca38'@'localhost' with grant option;

Query OK, 0 rows affected (0.04 sec)

mysql> flush privileges

-> ;

Query OK, 0 rows affected (0.18 sec)

mysql> exit

Bye

cc1@cc1-desktop:~$ mysql -u mca38 -p

Enter password:

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 9

Server version: 5.7.41-0ubuntu0.18.04.1 (Ubuntu)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;

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

| Database |

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

| information\_schema |

| A |

| Company |

| Construction |

| DB |

| DB1 |

| FLIGHT |

| LIBRARY |

| Library |

| Office |

| Reservation |

| Store |

| airlines |

| b1 |

| bank |

| bank1 |

| bus\_reservation |

| clibrary |

| company |

| databs |

| db |

| db1 |

| details |

| employees |

| exam |

| exp |

| lib |

| library |

| library02 |

| library1 |

| library2 |

| library23 |

| my\_database |

| mysql |

| organisation |

| performance\_schema |

| sys |

| test |

| transaction |

| transaction1 |

| work |

| xam |

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

42 rows in set (0.74 sec)

mysql> use bank1

Reading table information for completion of table and column names

You can turn off this feature to get a quicker startup with -A

Database changed

mysql> use bank

Reading table information for completion of table and column names

You can turn off this feature to get a quicker startup with -A

Database changed

mysql> use bank;

Database changed

mysql> show tables;

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

| Tables\_in\_bank |

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

| account |

| borrower |

| branch |

| customer |

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

4 rows in set (0.00 sec)

mysql> select \* from account;

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

| account\_no | c\_id | b\_id | amount | date |

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

| 56446565234 | 1202 | 128 | 10000 | 06/02/2000 |

| 564465656734 | 1200 | 128 | 12000 | 06/02/2000 |

| 56446568656734 | 1303 | 128 | 120000 | 06/02/2000 |

| 56446734 | 1303 | 129 | 120000 | 06/02/2000 |

| 56452378563 | 1201 | 125 | 200000 | 16/10/2020 |

| 56456676483 | 1304 | 126 | 50000000 | 21/10/2020 |

| 7647652757 | 1309 | 127 | 56000 | 13/01/2017 |

| 765634478325 | 1303 | 124 | 4556435350 | 06/05/2019 |

| 78678584 | 1202 | 125 | 4556450 | 16/10/2020 |

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

9 rows in set (0.10 sec)

mysql> select \* from borrower;

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

| loan\_no | c\_id | b\_id | loan\_amount |

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

| 12453 | 1202 | 125 | 650000 |

| 12454 | 1303 | 124 | 50000 |

| 14567 | 1309 | 127 | 20000 |

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

3 rows in set (0.01 sec)

mysql> select \* from branch;

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

| b\_id | b\_name | b\_city |

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

| 123 | perinthalmanna | malappuram |

| 124 | nedumagad | trivandrum |

| 125 | edapaly | kochi |

| 126 | maharajas road | mg road |

| 127 | kondoti | calicut |

| 128 | peringammala | trivandrum |

| 129 | kazhakootam | trivandrum |

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

7 rows in set (0.03 sec)

mysql> select \* from customer;

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

| c\_id | c\_name | c\_city |

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

| 1200 | reshma | idukki |

| 1201 | subhash | kochi |

| 1202 | raju | kochi |

| 1303 | manju | trivandrum |

| 1304 | sukumaran | mg road |

| 1309 | suhail | calicut |

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

6 rows in set (0.00 sec)

mysql> select name from customer where c\_city='kochi';

ERROR 1054 (42S22): Unknown column 'name' in 'field list'

mysql> select name from customer where c\_city=kochi;

ERROR 1054 (42S22): Unknown column 'name' in 'field list'

mysql> select name from customer where c\_city contains kochi;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'contains kochi' at line 1

mysql> select c\_name from customer where c\_city="kochi";

+---------+

| c\_name |

+---------+

| subhash |

| raju |

+---------+

2 rows in set (0.02 sec)

mysql> select c\_name from customer where c\_city contains 'kochi';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'contains 'kochi'' at line 1

mysql> select c\_name from customer where c\_city=kochi;

ERROR 1054 (42S22): Unknown column 'kochi' in 'where clause'

mysql> select b\_name from branch where c\_city='mg road';

ERROR 1054 (42S22): Unknown column 'c\_city' in 'where clause'

mysql> select b\_name from branch where c\_city="mg road";

ERROR 1054 (42S22): Unknown column 'c\_city' in 'where clause'

mysql> select b\_name from branch where b\_city="mg road";

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

| b\_name |

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

| maharajas road |

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

1 row in set (0.00 sec)

mysql> select c.c\_name from customer c join account a on c.c\_id=a.c\_id join branch b on a.c\_id=b.c\_id where b.b\_city="mg road";

ERROR 1054 (42S22): Unknown column 'b.c\_id' in 'on clause'

mysql> select c.c\_name from customer c join account a on c.c\_id=a.c\_id join branch b on a.c\_id=b.b\_id where b.b\_city="mg road";

Empty set (0.04 sec)

mysql> select c.c\_name from customer c join account a on c.c\_id=a.c\_id join branch b on a.c\_id=b.c\_id where b.b\_city="mg road";

ERROR 1054 (42S22): Unknown column 'b.c\_id' in 'on clause'

mysql> select c.c\_name from customer c join account a on c.c\_id=a.c\_id join branch b on a.b\_id=b.b\_id where b.b\_city="mg road";

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

| c\_name |

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

| sukumaran |

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

1 row in set (0.02 sec)