C:\Users\shrva>mysql -u root -p

Enter password: \*\*\*\*\*\*\*\*

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

Your MySQL connection id is 19

Server version: 8.0.39 MySQL Community Server - GPL

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owners.

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

mysql> create database practical492;

Query OK, 1 row affected (0.01 sec)

mysql> use practical492;

Database changed

mysql> create table client\_master(client\_no int,client\_name varchar(20),address varchar(50),city varchar(10),pincode int,state varchar(20), bal\_due float,primary key(client\_no));

Query OK, 0 rows affected (0.03 sec)

mysql> insert into client\_master values('1','shravani','sangamner','ahmednagar','422605','MH','5000');

Query OK, 1 row affected (0.01 sec)

mysql> insert into client\_master values('2','dhanshri','bhusawal','jalgaon','422004','MH','10000');

Query OK, 1 row affected (0.00 sec)

mysql> insert into client\_master values ('3','sumit','yeola','nashik','422013','MH','15000');

Query OK, 1 row affected (0.01 sec)

mysql> insert into client\_master values ('4','meghraj','shivpur','nanded','422023','MH','12000');

Query OK, 1 row affected (0.00 sec)

mysql> select\* from client\_master;

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

| client\_no | client\_name | address | city | pincode | state | bal\_due |

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

| 1 | shravani | sangamner | ahmednagar | 422605 | MH | 5000 |

| 2 | dhanshri | bhusawal | jalgaon | 422004 | MH | 10000 |

| 3 | sumit | yeola | nashik | 422013 | MH | 15000 |

| 4 | meghraj | shivpur | nanded | 422023 | MH | 12000 |

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

4 rows in set (0.00 sec)

mysql> select client\_name,client\_no from client\_master;

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

| client\_name | client\_no |

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

| shravani | 1 |

| dhanshri | 2 |

| sumit | 3 |

| meghraj | 4 |

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

4 rows in set (0.00 sec)

mysql> insert into client\_master values ('5','srushti','satara','satara','41

5002','MH','10000');

Query OK, 1 row affected (0.00 sec)

mysql> create table product\_master(product\_no int,description varchar(20),profit\_per float,unit\_measure varchar(10),quantity int,reorder int,sell\_price float,cost\_price float,primary key(product\_no));

Query OK, 0 rows affected (0.03 sec)

mysql> insert into product\_master values('1','shampoo','1','one','4','2','10','15');

Query OK, 1 row affected (0.01 sec)

mysql> insert into product\_master values('2','oil','13','one','4','2','11','16');

Query OK, 1 row affected (0.01 sec)

mysql> select\* from client\_master;

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

| client\_no | client\_name | address | city | pincode | state | bal\_due |

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

| 1 | shravani | sangamner | ahmednagar | 422605 | MH | 5000 |

| 2 | dhanshri | bhusawal | jalgaon | 422004 | MH | 10000 |

| 3 | sumit | yeola | nashik | 422013 | MH | 15000 |

| 4 | meghraj | shivpur | nanded | 422023 | MH | 12000 |

| 5 | srushti | satara | satara | 415002 | MH | 10000 |

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

5 rows in set (0.00 sec)

mysql> select\* from product\_master;

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

| product\_no | description | profit\_per | unit\_measure | quantity | reorder | sell\_price | cost\_price |

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

| 1 | shampoo | 1 | one | 4 | 2 | 10 | 15 |

| 2 | oil | 13 | one | 4 | 2 | 11 | 16 |

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

2 rows in set (0.00 sec)

mysql> create index client\_search on client\_master(client\_no);

Query OK, 0 rows affected (0.06 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> create table auto(roll\_no int NOT NULL AUTO\_INCREMENT,name varchar(20),primary key(roll\_no));

Query OK, 0 rows affected (0.03 sec)

mysql> select \* from auto;

mysql> insert into auto values('1','sakshi');

Query OK, 1 row affected (0.01 sec)

mysql> insert into auto values('2','vaibhavi');

Query OK, 1 row affected (0.01 sec)

mysql> alter table auto auto\_increment=100;

Query OK, 0 rows affected (0.02 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> select \* from auto;

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

| roll\_no | name |

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

| 1 | sakshi |

| 2 | vaibhavi |

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

2 rows in set (0.00 sec)

mysql> insert into auto values(null,'disha');

Query OK, 1 row affected (0.01 sec)

mysql> insert into auto values(null,'kshitija');

Query OK, 1 row affected (0.01 sec)

mysql> select \* from auto;

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

| roll\_no | name |

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

| 1 | sakshi |

| 2 | vaibhavi |

| 100 | disha |

| 101 | kshitija |

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

4 rows in set (0.00 sec)

mysql>update client\_master set client\_name="vaishnavi" where client\_no='3';

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql>update client\_master set client\_name="vaishnavi" where client\_no='4';

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from client\_master;

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

| client\_no | client\_name | address | city | pincode | state | bal\_due |

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

| 1 | shravani | sangamner | ahmednagar | 422605 | MH | 5000 |

| 2 | dhanshri | bhusawal | jalgaon | 422004 | MH | 10000 |

| 3 | vaishnavi | yeola | nashik | 422013 | MH | 15000 |

| 4 | meghraj | shivpur | nanded | 422023 | MH | 12000 |

| 5 | srushti | satara | satara | 415002 | MH | 10000 |

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

5 rows in set (0.00 sec)

mysql> create index client\_find on

-> client\_master(client\_name,city);

Query OK, 0 rows affected (0.04 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> show tables;

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

| Tables\_in\_practical492 |

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

| auto |

| client\_master |

| product\_master |

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

3 rows in set (0.01 sec)

mysql> select \* from product\_master;

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

| product\_no | description | profit\_per | unit\_measure | quantity | reorder | sell\_price | cost\_price |

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

| 1 | shampoo | 1 | one | 4 | 2 | 10 | 15 |

| 2 | oil | 13 | one | 4 | 2 | 11 | 16 |

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

2 rows in set (0.00 sec)

mysql> desc product\_master;

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

| Field | Type | Null | Key | Default | Extra |

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

| product\_no | int | NO | PRI | NULL | |

| description | varchar(20) | YES | | NULL | |

| profit\_per | float | YES | | NULL | |

| unit\_measure | varchar(10) | YES | | NULL | |

| quantity | int | YES | | NULL | |

| reorder | int | YES | | NULL | |

| sell\_price | float | YES | | NULL | |

| cost\_price | float | YES | | NULL | |

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

8 rows in set (0.00 sec)

mysql> insert into product\_master

-> values('003','nutela','15','three','40','5','110','123');

Query OK, 1 row affected (0.01 sec)

mysql> alter table product\_master modify sell\_price

-> float(10,2);

Query OK, 0 rows affected, 1 warning (0.02 sec)

Records: 0 Duplicates: 0 Warnings: 1

mysql> desc product\_master;

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

| Field | Type | Null | Key | Default | Extra |

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

| product\_no | int | NO | PRI | NULL | |

| description | varchar(20) | YES | | NULL | |

| profit\_per | float | YES | | NULL | |

| unit\_measure | varchar(10) | YES | | NULL | |

| quantity | int | YES | | NULL | |

| reorder | int | YES | | NULL | |

| sell\_price | float(10,2) | YES | | NULL | |

| cost\_price | float | YES | | NULL | |

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

8 rows in set (0.00 sec)

mysql> select\* from auto;

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

| roll\_no | name |

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

| 1 | sakshi |

| 2 | vaibhavi |

| 100 | disha |

| 101 | kshitija |

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

4 rows in set (0.00 sec)