Practical no.05

mysql> use prac;
Database changed
mysql> show tables;
Empty set (0.02 sec)

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 (0.51 sec)

mysql> select * from client_master;
Empty set (0.02 sec)

mysql> insert into client_master values('001','abhi','nasik','nasik','422004','MH','5000');
Query OK, 1 row affected (0.14 sec)

mysql> insert into client_master values('002','piyu','nasik','nasik','422004','MH','10000');
Query OK, 1 row affected (0.09 sec)

mysql> insert into client_master values('003','abd','nasik','nasik','422003','MH','5000');
Query OK, 1 row affected (0.06 sec)

mysql> insert into client_master values('004','abd','nasik','nasik','422003','MH','5000');
Query OK, 1 row affected (0.05 sec)

mysql> insert into client_master values('005','abc','nasik','nasik','422003','MH','5000');
Query OK, 1 row affected (0.06 sec)

mysql> select * from client_master;
+-----------+-------------+---------+-------+---------+-------+---------+
| client_no | client_name | address | city | pincode | state | bal_due |
+-----------+-------------+---------+-------+---------+-------+---------+
1	abhi	nasik	nasik	422004	MH	5000
2	piyu	nasik	nasik	422004	MH	10000
3	abd	nasik	nasik	422003	MH	5000
4	abd	nasik	nasik	422003	MH	5000
5	abc	nasik	nasik	422003	MH	5000
+-----------+-------------+---------+-------+---------+-------+---------+
5 rows in set (0.00 sec)

mysql> select client_name,client_no from client_master;

```
+------------+-----------+
| client_name | client_no |
+------------+-----------+
| abhi | 1 |
| piyu | 2 |
| abd | 3 |
| abd | 4 |
| abc | 5 |
+------------+-----------+
5 rows in set (0.00 sec)

mysql> insert into client_master values('006','xyz','nasik','nasik','422004','MH','6000');
Query OK, 1 row affected (0.15 sec)

mysql> select client_name,client_no from client_master;
+------------+-----------+
| client_name | client_no |
+------------+-----------+
| abhi | 1 |
| piyu | 2 |
| abd | 3 |
| abd | 4 |
| abc | 5 |
| xyz | 6 |
+------------+-----------+
6 rows in set (0.08 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 (0.77 sec)

mysql> insert into product_master values('001','shampoo','1','one','4','2','10','15');
Query OK, 1 row affected (0.17 sec)

mysql> insert into product_master values('002','oil','13','one','4','2','11','16');
Query OK, 1 row affected (0.06 sec)

mysql> alter table client_master add telephone_no int;
Query OK, 0 rows affected (1.04 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> select * from client_master;
+-----------+------------+---------+-------+---------+-------+---------+-------------+
```

| client_no | client_name | address | city | pincode | state| bal_due | telephone_no |
+-----------+-------------+---------+-------+---------+-------+---------+--------------+
1	abhi	nasik	nasik	422004	MH	5000	NULL
2	piyu	nasik	nasik	422004	MH	10000	NULL
3	abd	nasik	nasik	422003	MH	5000	NULL
4	abd	nasik	nasik	422003	MH	5000	NULL
5	abc	nasik	nasik	422003	MH	5000	NULL
6	xyz	nasik	nasik	422004	MH	6000	NULL
+-----------+-------------+---------+-------+---------+-------+---------+--------------+
6 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 (0.42 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 (0.36 sec)

mysql> select * from auto;
Empty set (0.01 sec)

mysql> insert into auto values('1','abc');
Query OK, 1 row affected (0.07 sec)

mysql> insert into auto values('2','adc');
Query OK, 1 row affected (0.08 sec)

mysql> alter table auto auto_increment=100;
Query OK, 0 rows affected (0.07 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> select * from auto;
+---------+------+
| roll_no | name |

```
+---------+------+
| 1 | abc |
| 2 | adc |

+---------+------+
2 rows in set (0.00 sec)
```

mysql> insert into auto values(null,'abd');
Query OK, 1 row affected (0.05 sec)

mysql> select * from auto;
```
+---------+------+
| roll_no | name |
+---------+------+
| 1 | abc |
| 2 | adc |
| 100 | abd |
+---------+------+
```
3 rows in set (0.00 sec)

mysql> insert into auto values(null,'reh');
Query OK, 1 row affected (0.06 sec)

mysql> select * from auto;
```
+---------+------+
| roll_no | name |
+---------+------+
| 1 | abc |
| 2 | adc |
| 100 | abd |
| 101 | reh |
+---------+------+
```
4 rows in set (0.00 sec)

mysql> update client_master set client_name="nut" where
client_no='4';

Query OK, 1 row affected (0.09 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * from client_master;
```
+-----------+-------------+---------+-------+---------+-------+---------+--------------+
| client_no | client_name | address | city | pincode | state| bal_due | telephone_no |
+-----------+-------------+---------+-------+---------+-------+---------+--------------+
```

1	abhi	nasik	nasik	422004	MH	5000	NULL
2	piyu	nasik	nasik	422004	MH	10000	NULL
3	abd	nasik	nasik	422003	MH	5000	NULL
4	nut	nasik	nasik	422003	MH	5000	NULL
5	abc	nasik	nasik	422003	MH	5000	NULL
6	xyz	nasik	nasik	422004	MH	6000	NULL
+-----------+-------------+---------+-------+---------+-------+---------+--------------+
6 rows in set (0.00 sec)

mysql> create index client_find on client_master(client_name,city);
Query OK, 0 rows
affected (0.41 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> show tables;
+----------------+
| Tables_in_Abhi |
+----------------+
| auto |
| client_master |
| product_master |
+----------------+
3 rows in set (0.08 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(11)	NO	PRI	NULL	
description	varchar(20)	YES		NULL	
profit_per	float	YES		NULL	
unit_measure	varchar(10)	YES		NULL	

```
| quantity | int(11) | YES | | NULL | |
| reorder | int(11) | YES | | NULL | |
| sell_price | float | YES | | NULL | |
| cost_price | float | YES | | NULL | |
+--------------+-------------+------+-----+---------+-------+
8 rows in set (0.05 sec)

mysql> alter table client_master rename to c_master;
Query OK, 0 rows affected (0.25 sec)

mysql> insert into product_master
values('003','nutela','15','three','40','5','110','123');
Query OK, 1 row affected (0.05 sec)

mysql> alter table product_master modify sell_price
float(10,2);
Query OK, 0 rows affected (0.06 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> desc product_master;
+--------------+-------------+------+-----+---------+-------+
| Field | Type | Null | Key | Default | Extra |
+--------------+-------------+------+-----+---------+-------+
| product_no | int(11) | NO | PRI | NULL | |
| description | varchar(20) | YES | | NULL | |
| profit_per | float | YES | | NULL | |
| unit_measure | varchar(10) | YES | | NULL | |
| quantity | int(11) | YES | | NULL | |
| reorder | int(11) | YES | | NULL | |
| sell_price | float(10,2) | YES | | NULL | |
| cost_price | float | YES | | NULL | |
+--------------+-------------+------+-----+---------+-------+
8 rows in set (0.00 sec)

mysql> create view client as select client_no,client_name from c_master;
Query OK, 0 rows affected (0.05 sec)
mysql> select * from client;
+-----------+-------------+
| client_no | client_name |
+-----------+-------------+
| 5 | abc |
| 3 | abd |
| 1 | abhi |
| 4 | nut |
```

```
| 2 | piyu |
| 6 | xyz  |
+-----------+-------------+
```
6 rows in set (0.23 sec)