1. mysql> create VIEW view1 as SELECT ordernum,orderdate from salesordr;

Query OK, 0 rows affected (31.21 sec)

1. mysql> select \* from view1;

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

| ordernum | orderdate |

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

| 0 | 2001-05-13 |

| 1 | 2001-02-13 |

| 2 | 2021-03-13 |

| 3 | 2002-03-13 |

| 4 | 2002-04-13 |

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

5 rows in set (1.52 sec)

1. mysql> desc view1;

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

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

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

| ordernum | int | YES | | NULL | |

| orderdate | date | YES | | NULL | |

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

2 rows in set (25.87 sec)

1. mysql> insert into view1 values(5,'2003-03-13');

Query OK, 1 row affected (0.49 sec)

mysql> select \* from view1;

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

| ordernum | orderdate |

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

| 0 | 2001-05-13 |

| 1 | 2001-02-13 |

| 2 | 2021-03-13 |

| 3 | 2002-03-13 |

| 4 | 2002-04-13 |

| 5 | 2003-03-13 |

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

6 rows in set (0.04 sec)

1. mysql> create VIEW view2 as SELECT clientnum,cname from clientmaster;

Query OK, 0 rows affected (2.36 sec)

mysql> select \* from view2;

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

| clientnum | cname |

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

| 101 | senchu |

| 102 | sobin |

| 103 | sajan |

| 104 | siju |

| 105 | george |

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

5 rows in set (0.45 sec)

1. mysql> INSERT INTO view2 VALUES(106,'ammu');

Query OK, 1 row affected (1.74 sec)

mysql> select \* from view2;

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

| clientnum | cname |

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

| 101 | senchu |

| 102 | sobin |

| 103 | sajan |

| 104 | siju |

| 105 | george |

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

5 rows in set (0.45 sec)

1. mysql> create view view3 as select salesmanno,sname,city from salesmaster where city="mumbai";

Query OK, 0 rows affected (4.29 sec)

mysql> select \* from view3;

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

| salesmanno | sname | city |

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

| 1 | biju | mumbai |

| 2 | amith | mumbai |

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

2 rows in set (1.95 sec)

1. mysql> alter table salesmaster rename column city to scity;

Query OK, 0 rows affected (24.15 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> create view view4 as select c.cname,c.city,s.sname from clientmaster c,salesmaster s where c.city=s.scity;

Query OK, 0 rows affected (0.37 sec)

mysql> select \* from view4;

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

| cname | city | sname |

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

| senchu | kannur | sreelal |

| sobin | kannur | sreelal |

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

2 rows in set (0.37 sec)

1. mysql> desc salesmaster;

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

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

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

| salesmanno | int | NO | PRI | NULL | |

| sname | char(20) | YES | | NULL | |

| scity | char(20) | YES | | NULL | |

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

3 rows in set (0.71 sec)

1. mysql> insert into view4 values('sam','ekm','kavya','tvm');

ERROR 1394 (HY000): Can not insert into join view 'dbms.view4' without fields list

1. mysql> create view view5 as SELECT cname,sname from view4;

Query OK, 0 rows affected (6.71 sec)

1. mysql> desc view5;

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

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

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

| cname | char(20) | YES | | NULL | |

| sname | char(20) | YES | | NULL | |

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

2 rows in set (0.10 sec)

1. mysql> insert into view5 values('malu','balu');

ERROR 1394 (HY000): Can not insert into join view 'dbms.view5' without fields list

1. mysql> drop view view4;

Query OK, 0 rows affected (2.74 sec)

mysql> desc view4;

ERROR 1146 (42S02): Table 'dbms.view4' doesn't exist

1. mysql> drop view view5;

Query OK, 0 rows affected (1.07 sec)

mysql> desc view5;

ERROR 1146 (42S02): Table 'dbms.view5' doesn't exist