SWATHY KRISHNA P R

S2 RMCA B

ROLL NO : 31 **EXPERIMENT 10**

**VIEW TABLE**

**1. Create a view view1 from salesorder with (order number,order date)**

mysql> create VIEW view1 as SELECT order\_no,order\_date from salesorder;

Query OK, 0 rows affected (0.19 sec)

**2. Describe the view view1**

mysql> Desc view1;

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

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

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

| order\_no | varchar(20) | NO | | NULL | |

| order\_date | date | YES | | NULL | |

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

2 rows in set (0.00 sec)

**3. Display Values of view1**

mysql> SELECT\* from view1;

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

| order\_no | order\_date |

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

| 0 | 2013-06-01 |

| 01 | 2013-02-01 |

| 02 | 2013-03-21 |

| 03 | 2013-03-02 |

| 04 | 2013-04-02 |

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

5 rows in set (0.01 sec)

**4. Insert one row of data in view1 and observe the output/error message**

mysql> insert into view1 values ('05','2013-06-01');

Query OK, 1 row affected (0.13 sec)

**5. Create a view view2 from clientmaster (clientno,cname)**

mysql> create VIEW view2 as SELECT client\_no,cname from clientmaster;

Query OK, 0 rows affected (0.15 sec)

mysql> select \* from view2;

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

| client\_no | cname |

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

| 101 | senchu |

| 102 | sobin |

| 103 | sajan |

| 104 | siju |

| 105 | george |

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

5 rows in set (0.00 sec)

**6. Insert one row of data in view2 and observe the output/error message**

mysql> insert into view2 VALUES(106,'sonu');

Query OK, 1 row affected (0.11 sec)

**7. Create a view view3 from salesmaster with all columns with condition ‘city=Mumbai’.**

mysql> create view view3 as SELECT \* from salesmaster where city='mumbai';

Query OK, 0 rows affected (0.13 sec)

**8. Create a view view4 from clientmaster and salesmaster with details (cname,city,sname,city)**

mysql> create view view4 as SELECT cname,clientmaster.city as ccity,sname,salesmaster.city from salesmaster,clientmaster;

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 'create view view4 as SELECT cname,clientmaster.city as ccity,sname,salesmaster.c' at line 2

mysql> create view view4 as SELECT cname,clientmaster.city as ccity,sname,salesmaster.city from salesmaster,clientmaster;

Query OK, 0 rows affected (0.14 sec)

**9. Describe view4**

mysql> desc view4;

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

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

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

| cname | varchar(20) | YES | | NULL | |

| ccity | varchar(26) | YES | | NULL | |

| sname | varchar(20) | YES | | NULL | |

| city | varchar(10) | YES | | NULL | |

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

4 rows in set (0.00 sec)

**10. Insert one row of data in view4 and observe the output/error message**

mysql> insert into view4 values('sreya','Bhopal','Kiran','Bhopal');

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

**11. Create a view view5 from view4(cname,sname)**

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

Query OK, 0 rows affected (0.08 sec)

**12. Describe view5**

mysql> desc view5;

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

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

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

| cname | varchar(20) | YES | | NULL | |

| sname | varchar(20) | YES | | NULL | |

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

2 rows in set (0.00 sec)

**13. Insert one row of data in view5 and observe the output/error message**

mysql> insert into view5 values('jeri','sona');

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

**14. Delete the view4 table**

mysql> drop view view4;

Query OK, 0 rows affected (0.07 sec)

**15. Delete the view5 table**

mysql> drop view view5;

Query OK, 0 rows affected (0.00 sec)

mysql>