PRACTICAL NO. 6

1. CREATION OF VIEW.

SQL> create view EMPVIEW as select EMPLOYEE_NAME,EMPLOYEE_NO,DEPT_NAME,DEPT_NO,DATE_OF_JOIN from EMPLOYEE;

SQL> desc EMPVIEW ;

```
mysql> create view EMPVIEW as select EMPLOYEE_NAME,EMPLOYEE_NO,DEPT_NAME,DEPT_NO,DATE_OF_JOIN from EMPLOYEE;
Query OK, 0 rows affected (0.04 sec)

mysql> desc EMPVIEW;
+---------------+-------------+------+-----+---------+-------+
| Field         | Type        | Null | Key | Default | Extra |
+---------------+-------------+------+-----+---------+-------+
| EMPLOYEE_NAME | varchar(10) | YES  |     | NULL    |       |
| EMPLOYEE_NO   | int         | YES  |     | NULL    |       |
| DEPT_NAME     | varchar(10) | YES  |     | NULL    |       |
| DEPT_NO       | int         | YES  |     | NULL    |       |
| DATE_OF_JOIN  | date        | YES  |     | NULL    |       |
+---------------+-------------+------+-----+---------+-------+
5 rows in set (0.00 sec)

mysql>
```

2. DISPLAY VIEW.

SQL> select *from EMPVIEW;

```
mysql> select *from EMPVIEW;
+---------------+-------------+-----------+---------+--------------+
| EMPLOYEE_NAME | EMPLOYEE_NO | DEPT_NAME | DEPT_NO | DATE_OF_JOIN |
+---------------+-------------+-----------+---------+--------------+
| RAVI          |         124 | ECE       |      89 | 2005-06-15   |
| VIJAY         |         345 | CSE       |      21 | 2006-06-21   |
| RAJ           |          98 | IT        |      22 | 2006-09-30   |
| GIRI          |         100 | CSE       |      67 | 1981-11-14   |
+---------------+-------------+-----------+---------+--------------+
4 rows in set (0.00 sec)

mysql>
```

3. INSERTION INTO VIEW.

SQL> insert into EMPVIEW values('SRI',120,'CSE',67,'1981-11-16');

SQL> select *from EMPVIEW;

```
mysql> insert into EMPVIEW values('SRI',120,'CSE',67,'1981-11-16');
Query OK, 1 row affected (0.02 sec)

mysql> select *from EMPVIEW;
+---------------+-------------+-----------+---------+-------------+
| EMPLOYEE_NAME | EMPLOYEE_NO | DEPT_NAME | DEPT_NO | DATE_OF_JOIN |
+---------------+-------------+-----------+---------+-------------+
| RAVI          |         124 | ECE       |      89 | 2005-06-15  |
| VIJAY         |         345 | CSE       |      21 | 2006-06-21  |
| RAJ           |          98 | IT        |      22 | 2006-09-30  |
| GIRI          |         100 | CSE       |      67 | 1981-11-14  |
| SRI           |         120 | CSE       |      67 | 1981-11-16  |
+---------------+-------------+-----------+---------+-------------+
5 rows in set (0.00 sec)

mysql>
```

4. DELETION OF VIEW.

SQL> delete from EMPVIEW where EMPLOYEE_NAME = 'SRI';

SQL> select *from EMPVIEW;

```
mysql> delete from EMPVIEW where EMPLOYEE_NAME='SRI';
Query OK, 1 row affected (0.03 sec)

mysql> select *from EMPVIEW;
+---------------+-------------+-----------+---------+-------------+
| EMPLOYEE_NAME | EMPLOYEE_NO | DEPT_NAME | DEPT_NO | DATE_OF_JOIN |
+---------------+-------------+-----------+---------+-------------+
| RAVI          |         124 | ECE       |      89 | 2005-06-15  |
| VIJAY         |         345 | CSE       |      21 | 2006-06-21  |
| RAJ           |          98 | IT        |      22 | 2006-09-30  |
| GIRI          |         100 | CSE       |      67 | 1981-11-14  |
+---------------+-------------+-----------+---------+-------------+
4 rows in set (0.00 sec)

mysql>
```

5. UPDATE STATEMENT.

SQL> update EMPVIEW set EMPLOYEE_NAME = 'KAVI' where
EMPLOYEE_NAME = 'RAVI' ;

SQL> select *from EMPVIEW;

```
mysql> update EMPVIEW set EMPLOYEE_NAME='KAVI' where EMPLOYEE_NAME='RAVI';
Query OK, 1 row affected (0.03 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select *from EMPVIEW;
+---------------+-------------+-----------+---------+--------------+
| EMPLOYEE_NAME | EMPLOYEE_NO | DEPT_NAME | DEPT_NO | DATE_OF_JOIN |
+---------------+-------------+-----------+---------+--------------+
| KAVI          |         124 | ECE       |      89 | 2005-06-15   |
| VIJAY         |         345 | CSE       |      21 | 2006-06-21   |
| RAJ           |          98 | IT        |      22 | 2006-09-30   |
| GIRI          |         100 | CSE       |      67 | 1981-11-14   |
+---------------+-------------+-----------+---------+--------------+
4 rows in set (0.00 sec)

mysql>
```

6. **DROP A VIEW.**

SQL>drop view EMPVIEW;

```
mysql> drop view EMPVIEW;
Query OK, 0 rows affected (0.06 sec)

mysql> select *from EMPVIEW;
ERROR 1146 (42S02): Table 'Emp.EMPVIEW' doesn't exist
mysql>
```