**Name : Kashid Raj Shivaji**

**Roll No: 13215**

**TE ‘B’**

**Practical No: 2**

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

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

**Your MySQL connection id is 11**

**Server version: 8.0.30 MySQL Community Server - GPL**

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**owners.**

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

**mysql> show databases;**

**+--------------------+**

**| Database           |**

**+--------------------+**

**| information\_schema |**

**| mysql              |**

**| performance\_schema |**

**| sakila             |**

**| school             |**

**| sys                |**

**| world              |**

**+--------------------+**

**7 rows in set (0.00 sec)**

**mysql> create database employee;**

**Query OK, 1 row affected (0.00 sec)**

**mysql> use employee;**

**Database changed**

**mysql> create table emp\_details(emp\_no int(10),emp\_name varchar(30),emp\_gender varchar(1),emp\_sal int(30));**

**Query OK, 0 rows affected, 2 warnings (0.01 sec)**

**mysql> show tables;**

**+--------------------+**

**| Tables\_in\_employee |**

**+--------------------+**

**| emp\_details        |**

**+--------------------+**

**1 row in set (0.00 sec)**

**mysql> alter table emp\_details add em**

**p\_dept varchar(20);**

**Query OK, 0 rows affected (0.01 sec)**

**Records: 0  Duplicates: 0  Warnings: 0**

**mysql> desc emp\_details;**

**+------------+-------------+------+-----+---------+-------+**

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

**+------------+-------------+------+-----+---------+-------+**

**| emp\_no     | int         | YES  |     | NULL    |       |**

**| emp\_name   | varchar(30) | YES  |     | NULL    |       |**

**| emp\_gender | varchar(1)  | YES  |     | NULL    |       |**

**| emp\_sal    | int         | YES  |     | NULL    |       |**

**| emp\_dept   | varchar(20) | YES  |     | NULL    |       |**

**+------------+-------------+------+-----+---------+-------+**

**5 rows in set (0.00 sec)**

**mysql> insert into emp\_details values(1,'Ram','M',300000,'designing');**

**Query OK, 1 row affected (0.01 sec)**

**mysql> insert into emp\_details values(2,'Soham','M',300000,'designing');**

**Query OK, 1 row affected (0.00 sec)**

**mysql> insert into emp\_details values(3,'Mohan','M',250000,'management');**

**Query OK, 1 row affected (0.00 sec)**

**mysql> insert into emp\_details values(4,'Om','M',400000,'coding');**

**Query OK, 1 row affected (0.00 sec)**

**mysql> select \* from emp\_details;**

**+--------+----------+------------+---------+------------+**

**| emp\_no | emp\_name | emp\_gender | emp\_sal | emp\_dept   |**

**+--------+----------+------------+---------+------------+**

**|      1 | Ram      | M          |  300000 | designing  |**

**|      2 | Soham    | M          |  300000 | designing  |**

**|      3 | Mohan    | M          |  250000 | management |**

**|      4 | Om       | M          |  400000 | coding     |**

**+--------+----------+------------+---------+------------+**

**4 rows in set (0.00 sec)**

**mysql> create table emp\_info as select emp\_no,emp\_name,emp\_gender from emp\_details;**

**Query OK, 4 rows affected (0.01 sec)**

**Records: 4  Duplicates: 0  Warnings: 0**

**mysql> select \* from emp\_info;**

**+--------+----------+------------+**

**| emp\_no | emp\_name | emp\_gender |**

**+--------+----------+------------+**

**|      1 | Ram      | M          |**

**|      2 | Soham    | M          |**

**|      3 | Mohan    | M          |**

**|      4 | Om       | M          |**

**+--------+----------+------------+**

**4 rows in set (0.00 sec)**

**mysql> truncate table emp\_info;**

**Query OK, 0 rows affected (0.01 sec)**

**mysql> select \* from emp\_info;**

**Empty set (0.00 sec)**

**mysql> drop table emp\_info;**

**Query OK, 0 rows affected (0.01 sec)**

**mysql> select \* from emp\_info;**

**ERROR 1146 (42S02): Table 'employee.emp\_info' doesn't exist**

**mysql> create view emp\_view1 as select \* from emp\_details;**

**Query OK, 0 rows affected (0.00 sec)**

**mysql> create view emp\_view2 as select \* from emp\_details where emp\_dept="designing";**

**Query OK, 0 rows affected (0.01 sec)**

**mysql> select \* from emp\_view1;**

**+--------+----------+------------+---------+------------+**

**| emp\_no | emp\_name | emp\_gender | emp\_sal | emp\_dept   |**

**+--------+----------+------------+---------+------------+**

**|      1 | Ram      | M          |  300000 | designing  |**

**|      2 | Soham    | M          |  300000 | designing  |**

**|      3 | Mohan    | M          |  250000 | management |**

**|      4 | Om       | M          |  400000 | coding     |**

**+--------+----------+------------+---------+------------+**

**4 rows in set (0.00 sec)**

**mysql> select \* from emp\_view2;**

**+--------+----------+------------+---------+-----------+**

**| emp\_no | emp\_name | emp\_gender | emp\_sal | emp\_dept  |**

**+--------+----------+------------+---------+-----------+**

**|      1 | Ram      | M          |  300000 | designing |**

**|      2 | Soham    | M          |  300000 | designing |**

**+--------+----------+------------+---------+-----------+**

**2 rows in set (0.00 sec)**

**mysql> update emp\_details set emp\_dept="coding" where emp\_name="Mohan";**

**Query OK, 1 row affected (0.00 sec)**

**Rows matched: 1  Changed: 1  Warnings: 0**

**mysql> select \* from emp\_details;**

**+--------+----------+------------+---------+-----------+**

**| emp\_no | emp\_name | emp\_gender | emp\_sal | emp\_dept  |**

**+--------+----------+------------+---------+-----------+**

**|      1 | Ram      | M          |  300000 | designing |**

**|      2 | Soham    | M          |  300000 | designing |**

**|      3 | Mohan    | M          |  250000 | coding    |**

**|      4 | Om       | M          |  400000 | coding    |**

**+--------+----------+------------+---------+-----------+**

**4 rows in set (0.00 sec)**

**mysql> drop view emp\_view1;**

**Query OK, 0 rows affected (0.00 sec)**

**mysql> drop view emp\_view2;**

**Query OK, 0 rows affected (0.00 sec)**

**mysql> create index emp\_ind on emp\_details(emp\_no,emp\_name);**

**Query OK, 0 rows affected (0.02 sec)**

**Records: 0  Duplicates: 0  Warnings: 0**

**mysql> show index from emp\_details;**

**+-------------+------------+----------+--------------+-------------+-----------+-------------+----------+--------+------+------------+---------+---------------+---------+------------+**

**| Table       | Non\_unique | Key\_name | Seq\_in\_index | Column\_name | Collation | Cardinality | Sub\_part | Packed | Null | Index\_type | Comment | Index\_comment | Visible | Expression |**

**+-------------+------------+----------+--------------+-------------+-----------+-------------+----------+--------+------+------------+---------+---------------+---------+------------+**

**| emp\_details |          1 | emp\_ind  |            1 | emp\_no      | A         |           4 |     NULL |   NULL | YES  | BTREE      |         |               | YES     | NULL       |**

**| emp\_details |          1 | emp\_ind  |            2 | emp\_name    | A         |           4 |     NULL |   NULL | YES  | BTREE      |         |               | YES     | NULL       |**

**+-------------+------------+----------+--------------+-------------+-----------+-------------+----------+--------+------+------------+---------+---------------+---------+------------+**

**2 rows in set (0.01 sec)**