**Name : Kashid Raj Shivaji**

**Roll No: 13215**

**TE ‘B’**

**Practical No: 3**

**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 |**

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

**| employee |**

**| information\_schema |**

**| mysql |**

**| performance\_schema |**

**| sakila |**

**| school |**

**| sys |**

**| world |**

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

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

**mysql> create database student;**

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

**mysql> use student;**

**Database changed**

**mysql> create table stud\_tab(stud\_id int(4),stud\_name varchar(20),stud\_dept varchar(10),stud\_dob date,stud\_address varchar(10));**

**Query OK, 0 rows affected, 1 warning (0.01 sec)**

**mysql> desc stud\_tab;**

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

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

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

**| stud\_id | int | YES | | NULL | |**

**| stud\_name | varchar(20) | YES | | NULL | |**

**| stud\_dept | varchar(10) | YES | | NULL | |**

**| stud\_dob | date | YES | | NULL | |**

**| stud\_address | varchar(10) | YES | | NULL | |**

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

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

**mysql> insert into stud\_tab values(1,'Ram','Comp','2002-11-05','Pune');**

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

**mysql> insert into stud\_tab values(2,'Soham','IT','2002-09-03','Nashik');**

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

**mysql> insert into stud\_tab values(3,'Ramesh','Comp','2002-03-19','Pune');**

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

**mysql> insert into stud\_tab values(4,'Mohan','AI&DS','2002-02-22','Nagpur');**

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

**mysql> select \* from stud\_tab;**

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

**| stud\_id | stud\_name | stud\_dept | stud\_dob | stud\_address |**

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

**| 1 | Ram | Comp | 2002-11-05 | Pune |**

**| 2 | Soham | IT | 2002-09-03 | Nashik |**

**| 3 | Ramesh | Comp | 2002-03-19 | Pune |**

**| 4 | Mohan | AI&DS | 2002-02-22 | Nagpur |**

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

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

**mysql> alter table stud\_tab add shift varchar(10);**

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

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

**mysql> update stud\_tab set shift='first' where stud\_id=1;**

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

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

**mysql> update stud\_tab set shift='second' where stud\_id=2;**

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

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

**mysql> update stud\_tab set shift='first' where stud\_id=3;**

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

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

**mysql> update stud\_tab set shift='first' where stud\_id=4;**

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

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

**mysql> select \* from stud\_tab;**

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

**| stud\_id | stud\_name | stud\_dept | stud\_dob | stud\_address | shift |**

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

**| 1 | Ram | Comp | 2002-11-05 | Pune | first |**

**| 2 | Soham | IT | 2002-09-03 | Nashik | second |**

**| 3 | Ramesh | Comp | 2002-03-19 | Pune | first |**

**| 4 | Mohan | AI&DS | 2002-02-22 | Nagpur | first |**

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

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

**mysql> insert into stud\_tab values(5,'Omkar','ENTC','2002-06-26','Pune','second');**

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

**mysql> select \* from stud\_tab;**

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

**| stud\_id | stud\_name | stud\_dept | stud\_dob | stud\_address | shift |**

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

**| 1 | Ram | Comp | 2002-11-05 | Pune | first |**

**| 2 | Soham | IT | 2002-09-03 | Nashik | second |**

**| 3 | Ramesh | Comp | 2002-03-19 | Pune | first |**

**| 4 | Mohan | AI&DS | 2002-02-22 | Nagpur | first |**

**| 5 | Omkar | ENTC | 2002-06-26 | Pune | second |**

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

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

**mysql> delete from stud\_tab where stud\_address='Nagpur';**

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

**mysql> select \* from stud\_tab;**

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

**| stud\_id | stud\_name | stud\_dept | stud\_dob | stud\_address | shift |**

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

**| 1 | Ram | Comp | 2002-11-05 | Pune | first |**

**| 2 | Soham | IT | 2002-09-03 | Nashik | second |**

**| 3 | Ramesh | Comp | 2002-03-19 | Pune | first |**

**| 5 | Omkar | ENTC | 2002-06-26 | Pune | second |**

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

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

**mysql> update stud\_tab set stud\_id=4 where stud\_name='Omkar';**

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

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

**mysql> select \* from stud\_tab;**

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

**| stud\_id | stud\_name | stud\_dept | stud\_dob | stud\_address | shift |**

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

**| 1 | Ram | Comp | 2002-11-05 | Pune | first |**

**| 2 | Soham | IT | 2002-09-03 | Nashik | second |**

**| 3 | Ramesh | Comp | 2002-03-19 | Pune | first |**

**| 4 | Omkar | ENTC | 2002-06-26 | Pune | second |**

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

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

**mysql> select \* from stud\_tab where stud\_dob between '2002-01-01' and '2002-07-01';**

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

**| stud\_id | stud\_name | stud\_dept | stud\_dob | stud\_address | shift |**

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

**| 3 | Ramesh | Comp | 2002-03-19 | Pune | first |**

**| 4 | Omkar | ENTC | 2002-06-26 | Pune | second |**

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

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

**mysql> alter table stud\_tab add stud\_fees int(15);**

**Query OK, 0 rows affected, 1 warning (0.01 sec)**

**Records: 0 Duplicates: 0 Warnings: 1**

**mysql> update stud\_tab set stud\_fees=15000 where stud\_id=1;**

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

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

**mysql> update stud\_tab set stud\_fees=20000 where stud\_id=2;**

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

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

**mysql> update stud\_tab set stud\_fees=20000 where stud\_id=3;**

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

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

**mysql> update stud\_tab set stud\_fees=15000 where stud\_id=4;**

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

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

**mysql> select \* from stud\_tab;**

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

**| stud\_id | stud\_name | stud\_dept | stud\_dob | stud\_address | shift | stud\_fees |**

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

**| 1 | Ram | Comp | 2002-11-05 | Pune | first | 15000 |**

**| 2 | Soham | IT | 2002-09-03 | Nashik | second | 20000 |**

**| 3 | Ramesh | Comp | 2002-03-19 | Pune | first | 20000 |**

**| 4 | Omkar | ENTC | 2002-06-26 | Pune | second | 15000 |**

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

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

**mysql> select \* from stud\_tab where stud\_fees=(select max(stud\_fees) from stud\_tab);**

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

**| stud\_id | stud\_name | stud\_dept | stud\_dob | stud\_address | shift | stud\_fees |**

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

**| 2 | Soham | IT | 2002-09-03 | Nashik | second | 20000 |**

**| 3 | Ramesh | Comp | 2002-03-19 | Pune | first | 20000 |**

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

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

**mysql> select sum(stud\_fees) from stud\_tab;**

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

**| sum(stud\_fees) |**

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

**| 70000 |**

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

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

**mysql> select stud\_id from stud\_tab union select stud\_id from stud\_info;**

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

**| stud\_id |**

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

**| 1 |**

**| 2 |**

**| 3 |**

**| 4 |**

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

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