***Assignment No:3***

MariaDB [employee]> show databases;

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

| Database |

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

| information\_schema |

| book |

| class |

| college |

| company |

| dbms\_prac7 |

| emp |

| employe |

| employee |

| lib |

| library |

| mysql |

| performance\_schema |

| secomp |

| shraddha |

| student |

| tecomp |

| test |

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

18 rows in set (0.01 sec)

MariaDB [employee]> use student;

Reading table information for completion of table and column names

You can turn off this feature to get a quicker startup with -A

Database changed

MariaDB [student]> show tables;

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

| Tables\_in\_student |

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

| dept |

| stud |

| stud\_view |

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

3 rows in set (0.00 sec)

MariaDB [student]> select \* from stud;

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

| rno | name | deptid | shift | marks | address |

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

| 1 | abc | comp | first | 78 | sfkdfjgjfg |

| 2 | pqr | comp | second | 75 | sfkdfjssssg |

| 3 | xyz | it | second | 70 | sfgggtrkdfjssssg |

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

3 rows in set (0.00 sec)

MariaDB [student]> alter table stud add subject varchar(30);

Query OK, 3 rows affected (0.09 sec)

Records: 3 Duplicates: 0 Warnings: 0

MariaDB [student]> select \* from stud;

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

| rno | name | deptid | shift | marks | address | subject |

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

| 1 | abc | comp | first | 78 | sfkdfjgjfg | NULL |

| 2 | pqr | comp | second | 75 | sfkdfjssssg | NULL |

| 3 | xyz | it | second | 70 | sfgggtrkdfjssssg | NULL |

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

3 rows in set (0.00 sec)

MariaDB [student]> alter table stud add fees int(30);

Query OK, 3 rows affected (0.08 sec)

Records: 3 Duplicates: 0 Warnings: 0

MariaDB [student]> select \* from stud;

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

| rno | name | deptid | shift | marks | address | subject | fees |

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

| 1 | abc | comp | first | 78 | sfkdfjgjfg | NULL | NULL |

| 2 | pqr | comp | second | 75 | sfkdfjssssg | NULL | NULL |

| 3 | xyz | it | second | 70 | sfgggtrkdfjssssg | NULL | NULL |

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

3 rows in set (0.00 sec)

MariaDB [student]> update stud set subject='TOC' where rno=1;

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [student]> update stud set subject='DBMS' where rno=2;

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [student]> update stud set subject='CN' where rno=3;

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [student]> select \* from stud;

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

| rno | name | deptid | shift | marks | address | subject | fees |

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

| 1 | abc | comp | first | 78 | sfkdfjgjfg | TOC | NULL |

| 2 | pqr | comp | second | 75 | sfkdfjssssg | DBMS | NULL |

| 3 | xyz | it | second | 70 | sfgggtrkdfjssssg | CN | NULL |

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

3 rows in set (0.00 sec)

MariaDB [student]> insert into stud values(4,'lmn','it','first',70,'dtrdyguihyiu','SEPM',50000);

Query OK, 1 row affected (0.02 sec)

MariaDB [student]> select \* from stud;

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

| rno | name | deptid | shift | marks | address | subject | fees |

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

| 1 | abc | comp | first | 78 | sfkdfjgjfg | TOC | NULL |

| 2 | pqr | comp | second | 75 | sfkdfjssssg | DBMS | NULL |

| 3 | xyz | it | second | 70 | sfgggtrkdfjssssg | CN | NULL |

| 4 | lmn | it | first | 70 | dtrdyguihyiu | SEPM | 50000 |

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

4 rows in set (0.00 sec)

MariaDB [student]> delete from stud where subject='SEPM';

Query OK, 1 row affected (0.05 sec)

MariaDB [student]> select \* from stud;

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

| rno | name | deptid | shift | marks | address | subject | fees |

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

| 1 | abc | comp | first | 78 | sfkdfjgjfg | TOC | NULL |

| 2 | pqr | comp | second | 75 | sfkdfjssssg | DBMS | NULL |

| 3 | xyz | it | second | 70 | sfgggtrkdfjssssg | CN | NULL |

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

3 rows in set (0.00 sec)

MariaDB [student]> update stud set fees=50000 where rno=2;

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [student]> select \* from stud;

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

| rno | name | deptid | shift | marks | address | subject | fees |

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

| 1 | abc | comp | first | 78 | sfkdfjgjfg | TOC | NULL |

| 2 | pqr | comp | second | 75 | sfkdfjssssg | DBMS | 50000 |

| 3 | xyz | it | second | 70 | sfgggtrkdfjssssg | CN | NULL |

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

3 rows in set (0.00 sec)

MariaDB [student]> update stud set fees=30000 where rno=3;

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [student]> update stud set fees=10000 where rno=1;

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [student]> select \* from stud;

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

| rno | name | deptid | shift | marks | address | subject | fees |

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

| 1 | abc | comp | first | 78 | sfkdfjgjfg | TOC | 10000 |

| 2 | pqr | comp | second | 75 | sfkdfjssssg | DBMS | 50000 |

| 3 | xyz | it | second | 70 | sfgggtrkdfjssssg | CN | 30000 |

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

3 rows in set (0.00 sec)

MariaDB [student]> select \* from stud where fees between 10000 and 30000;

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

| rno | name | deptid | shift | marks | address | subject | fees |

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

| 1 | abc | comp | first | 78 | sfkdfjgjfg | TOC | 10000 |

| 3 | xyz | it | second | 70 | sfgggtrkdfjssssg | CN | 30000 |

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

2 rows in set (0.02 sec)

MariaDB [student]> select \* from stud where fees=(select max(fees) from stud);

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

| rno | name | deptid | shift | marks | address | subject | fees |

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

| 2 | pqr | comp | second | 75 | sfkdfjssssg | DBMS | 50000 |

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

1 row in set (0.02 sec)

MariaDB [student]> select \* from stud where fees=(select min(fees) from stud);

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

| rno | name | deptid | shift | marks | address | subject | fees |

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

| 1 | abc | comp | first | 78 | sfkdfjgjfg | TOC | 10000 |

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

1 row in set (0.00 sec)

MariaDB [student]> select sum(fees) from stud;

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

| sum(fees) |

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

| 90000 |

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

1 row in set (0.02 sec)

MariaDB [student]> create table stud1 as select rno,name from stud;

Query OK, 3 rows affected (0.06 sec)

Records: 3 Duplicates: 0 Warnings: 0

MariaDB [student]> select \* from stud1;

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

| rno | name |

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

| 1 | abc |

| 2 | pqr |

| 3 | xyz |

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

3 rows in set (0.00 sec)

MariaDB [student]> select rno from stud union select rno from stud1;

+------+

| rno |

+------+

| 1 |

| 2 |

| 3 |

+------+

3 rows in set (0.00 sec)

MariaDB [student]> create table allroll( a int not null auto\_increment, message char(20),index(a)) engine=merge union=(orll,nroll)insert\_method=last;

Query OK, 0 rows affected (0.04 sec)