**Assignment No. 2**

mysql> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| Ashokaaaaa |

| performance\_schema |

| sys |

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

5 rows in set (0.00 sec)

mysql> use Ashokaaaaa

Database changed

mysql> create table Student(rollno int, studname varchar(255), Age int, Address varchar(50));

Query OK, 0 rows affected (0.02 sec)

mysql> insert into Student(rollno, studname, Age, Address) values(1, 'Aditya', 19, 'Pune');

Query OK, 1 row affected (0.01 sec)

mysql> insert into Student(rollno, studname, Age, Address) values(22, 'Dhiraj', 20, 'Baramati');

Query OK, 1 row affected (0.01 sec)

mysql> insert into Student(rollno, studname, Age, Address) values(59, 'Suraj', 20, 'Siddhatek');

Query OK, 1 row affected (0.00 sec)

mysql> insert into Student(rollno, studname, Age, Address) values(61, 'Ashokaaaaa', 20, 'Malshiras');

Query OK, 1 row affected (0.01 sec)

mysql> insert into Student(rollno, studname, Age, Address) values(72, 'Ashok', 20, 'Paranda');

Query OK, 1 row affected (0.01 sec)

mysql> insert into Student(rollno, studname, Age, Address) values(74, 'Pratik', 20, 'Parbhani');

Query OK, 1 row affected (0.01 sec)

mysql> insert into Student(rollno, studname, Age, Address) values(65, 'Mauli', 20, 'Baramati');

Query OK, 1 row affected (0.01 sec)

mysql> insert into Student(rollno, studname, Age, Address) values(68, 'Kunal', 20, 'Saswad');

Query OK, 1 row affected (0.00 sec)

mysql> select \* from Student;

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

| rollno | studname | Age | Address |

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

| 1 | Aditya | 19 | Pune |

| 22 | Dhiraj | 20 | Baramati |

| 59 | Suraj | 20 | Siddhatek |

| 61 | Ashok | 20 | Malshiras |

| 72 | Ashok | 20 | Paranda |

| 74 | Pratik | 20 | Parbhani |

| 65 | Mauli | 20 | Baramati |

| 68 | Kunal | 20 | Saswad |

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

8 rows in set (0.00 sec)

mysql> alter table Student drop column Age;

Query OK, 0 rows affected (0.01 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> select \* from Student;

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

| rollno | studname | Address |

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

| 1 | Aditya | Pune |

| 22 | Dhiraj | Baramati |

| 59 | Suraj | Siddhatek |

| 61 | Ashoka | Malshiras |

| 72 | Ashok | Paranda |

| 74 | Pratik | Parbhani |

| 65 | Mauli | Baramati |

| 68 | Kunal | Saswad |

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

8 rows in set (0.00 sec)

mysql> select rollno, studname from Student;

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

| rollno | studname |

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

| 1 | Aditya |

| 22 | Dhiraj |

| 59 | Suraj |

| 61 | Ashok |

| 72 | Ashok |

| 74 | Pratik |

| 65 | Mauli |

| 68 | Kunal |

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

8 rows in set (0.00 sec)

mysql> select rollno, studname from Student where rollno>=60;

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

| rollno | studname |

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

| 61 | Ashok |

| 72 | Ashok |

| 74 | Pratik |

| 65 | Mauli |

| 68 | Kunal |

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

5 rows in set (0.00 sec)

mysql> create view view1 as select rollno,Address from Student;

Query OK, 0 rows affected (0.01 sec)

mysql> select \* from view1;

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

| rollno | Address |

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

| 1 | Pune |

| 22 | Baramati |

| 59 | Siddhatek |

| 61 | Malshiras |

| 72 | Paranda |

| 74 | Parbhani |

| 65 | Baramati |

| 68 | Saswad |

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

8 rows in set (0.00 sec)

mysql> alter table Student ADD Age int;

Query OK, 0 rows affected (0.02 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> select \* from Student;

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

| rollno | studname | Address | Age |

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

| 1 | Aditya | Pune | NULL |

| 22 | Dhiraj | Baramati | NULL |

| 59 | Suraj | Siddhatek | NULL |

| 61 | Ashok | Malshiras | NULL |

| 72 | Ashok | Paranda | NULL |

| 74 | Pratik | Parbhani | NULL |

| 65 | Mauli | Baramati | NULL |

| 68 | Kunal | Saswad | NULL |

| NULL | NULL | NULL | 20 |

| NULL | NULL | NULL | 19 |

| NULL | NULL | NULL | 20 |

| NULL | NULL | NULL | 20 |

| NULL | NULL | NULL | 20 |

| NULL | NULL | NULL | 20 |

| NULL | NULL | NULL | 20 |

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

15 rows in set (0.00 sec)

mysql> select \* from Student;

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

| rollno | studname | Address | Age |

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

| 1 | Aditya | Pune | NULL |

| 22 | Dhiraj | Baramati | NULL |

| 59 | Suraj | Siddhatek | NULL |

| 61 | Ashok | Malshiras | NULL |

| 72 | Ashok | Paranda | NULL |

| 74 | Pratik | Parbhani | NULL |

| 65 | Mauli | Baramati | NULL |

| 68 | Kunal | Saswad | NULL |

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

8 rows in set (0.00 sec)

mysql> update Student set Age=20 where rollno=1 or rollno=59 or rollno=74 or rollno=68;

Query OK, 4 rows affected (0.01 sec)

Rows matched: 4 Changed: 4 Warnings: 0

mysql> update Student set Age=19 where rollno=22 or rollno=72 or rollno=65;

Query OK, 3 rows affected (0.00 sec)

Rows matched: 3 Changed: 3 Warnings: 0

mysql> update Student set Age=21 where rollno=61;

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from Student;

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

| rollno | studname | Address | Age |

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

| 1 | Aditya | Pune | 20 |

| 22 | Dhiraj | Baramati | 19 |

| 59 | Suraj | Siddhatek | 20 |

| 61 | Ashok | Malshiras | 21 |

| 72 | Ashok | Paranda | 19 |

| 74 | Pratik | Parbhani | 20 |

| 65 | Mauli | Baramati | 19 |

| 68 | Kunal | Saswad | 20 |

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

8 rows in set (0.00 sec)

mysql> alter table Student add marks int;

Query OK, 0 rows affected (0.02 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> update Student set marks=95 where rollno=1;

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> update Student set marks=95 where rollno=61;

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> update Student set marks=70 where rollno=22;

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> update Student set marks=80 where rollno=59;

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> update Student set marks=72 where rollno=72;

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> update Student set marks=98 where rollno=74;

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> update Student set marks=88 where rollno=65;

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> update Student set marks=86 where rollno=68;

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from Student;

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

| rollno | studname | Address | Age | marks |

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

| 1 | Aditya | Pune | 20 | 95 |

| 22 | Dhiraj | Baramati | 19 | 70 |

| 59 | Suraj | Siddhatek | 20 | 80 |

| 61 | Ashok | Malshiras | 21 | 95 |

| 72 | Ashok | Paranda | 19 | 72 |

| 74 | Pratik | Parbhani | 20 | 98 |

| 65 | Mauli | Baramati | 19 | 88 |

| 68 | Kunal | Saswad | 20 | 86 |

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

8 rows in set (0.00 sec)

mysql> create view view2 as select rollno,studname,marks from Student;

Query OK, 0 rows affected (0.01 sec)

mysql> select \* from view2;

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

| rollno | studname | marks |

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

| 1 | Aditya | 95 |

| 22 | Dhiraj | 70 |

| 59 | Suraj | 80 |

| 61 | Ashok | 95 |

| 72 | Ashok | 72 |

| 74 | Pratik | 98 |

| 65 | Mauli | 88 |

| 68 | Kunal | 86 |

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

8 rows in set (0.00 sec)

mysql> create index index1 on Student(rollno,studname,Age);

Query OK, 0 rows affected (0.04 sec)

Records: 0 Duplicates: 0 Warnings: 0