

ASSIGNMENT-
2

Student Name	Ms.S.Lavanya
Student roll number	814619104012
Maximum marks	2 marks

1.Create 5 tables and insert data by using insert query.

Creating tables

```
CREATE TABLE STUDENT (  
  rollno INTEGER PRIMARY KEY,  
  name TEXT NOT NULL,  
  dept TEXT NOT NULL  
);
```

```
CREATE TABLE STUDENT1 (  
  name TEXT NOT NULL,  
  regno INTEGER NOT ,  
  dept TEXT NOT NULL  
);
```

```
CREATE TABLE STUDENT2 (  
  name TEXT NOT NULL,  
  Course TEXT NOT NULL,  
  dept TEXT NOT NULL  
);
```

```
CREATE TABLE STUDENT3 (  
  name TEXT NOT NULL,  
  subject TEXT NOT NULL,  
  grade TEXT NOT NULL  
);
```

```
CREATE TABLE STUDENT4 (  
  rollno INTEGER PRIMARY KEY,  
  name TEXT NOT NULL,  
  dept TEXT NOT NULL  
);
```

Inserting data into the tables

```
INSERT INTO STUDENT VALUES (018, 'Sridevi', 'cse');
```

```
INSERT INTO STUDENT VALUES (012, 'Lavanya', 'cse');  
INSERT INTO STUDENT VALUES (005, 'sri', 'cse');
```

```
SELECT * FROM STUDENT;
```

```
INSERT INTO STUDENT1 VALUES ( 'suba',302,'cse');  
INSERT INTO STUDENT1 VALUES ( 'devi',018,'cse');  
INSERT INTO STUDENT1 VALUES ( 'sri' ,017,'cse');
```

```
SELECT * FROM STUDENT1;
```

```
INSERT INTO STUDENT2 VALUES ('Sri','BE','cse');  
INSERT INTO STUDENT2 VALUES ('Lavanya','BE','cse');  
INSERT INTO STUDENT2 VALUES ('suba','BE','cse');
```

```
SELECT * FROM STUDENT2;
```

```
INSERT INTO STUDENT3 VALUES ('Sridevi','cc','A');  
INSERT INTO STUDENT3 VALUES ('bharathi','Cns','A');  
INSERT INTO STUDENT3 VALUES ('Suba','Cc','A');
```

```
SELECT * FROM STUDENT3;
```

```
INSERT INTO STUDENT4 VALUES (018, 'Bharathi','cse');  
INSERT INTO STUDENT4 VALUES (012, 'Lavanya','cse');  
INSERT INTO STUDENT4 VALUES (005, 'sri', 'cse');
```

```
SELECT * FROM STUDENT4;
```

Output:

```

MySQL localhost:3306 ssl test SQL > select * from student;
+-----+-----+-----+
| rollno | name  | dept |
+-----+-----+-----+
| 5      | Sri   | cse  |
| 12     | Lavanya | cse  |
| 18     | Sridevi | cse  |
+-----+-----+-----+
3 rows in set (0.0006 sec)
MySQL localhost:3306 ssl test SQL > select * from student1;
+-----+-----+-----+
| name | regno | dept |
+-----+-----+-----+
| suba | 302   | cse  |
| devi | 18    | cse  |
| sri  | 17    | cse  |
+-----+-----+-----+
3 rows in set (0.0005 sec)
MySQL localhost:3306 ssl test SQL > select * from student2;
+-----+-----+-----+
| name | Course | dept |
+-----+-----+-----+
| Sri  | BE      | cse  |
| Lavanya | BE    | cse  |
| suba | BE      | cse  |
+-----+-----+-----+
3 rows in set (0.0005 sec)
MySQL localhost:3306 ssl test SQL > select * from student3;
+-----+-----+-----+
| name | subject | grade |
+-----+-----+-----+
| Sridevi | cc      | A      |
| bharathi | Cns     | A      |
| Suba    | Cc      | A      |
+-----+-----+-----+
3 rows in set (0.0006 sec)
MySQL localhost:3306 ssl test SQL > select * from student4;
+-----+-----+-----+
| rollno | name  | dept |
+-----+-----+-----+

```

```

+-----+-----+-----+
| Sri    | BE    | cse  |
| Lavanya | BE    | cse  |
| suba   | BE    | cse  |
+-----+-----+-----+
3 rows in set (0.0005 sec)
MySQL localhost:3306 ssl test SQL > select * from student3;
+-----+-----+-----+
| name | subject | grade |
+-----+-----+-----+
| Sridevi | cc      | A      |
| bharathi | Cns     | A      |
| Suba    | Cc      | A      |
+-----+-----+-----+
3 rows in set (0.0006 sec)
MySQL localhost:3306 ssl test SQL > select * from student4;
+-----+-----+-----+
| rollno | name  | dept |
+-----+-----+-----+
| 5      | Sri   | cse  |
| 12     | Lavanya | cse  |
| 18     | Bharathi | cse  |
+-----+-----+-----+
3 rows in set (0.0006 sec)
MySQL localhost:3306 ssl test SQL > delete from student where row=1;
ERROR: 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '=1' at line 1
MySQL localhost:3306 ssl test SQL > delete from student where rollno=5;
Query OK, 1 row affected (0.0402 sec)
MySQL localhost:3306 ssl test SQL > select * from student;
+-----+-----+-----+
| rollno | name  | dept |
+-----+-----+-----+
| 12     | Lavanya | cse  |
| 18     | Sridevi | cse  |
+-----+-----+-----+
2 rows in set (0.0006 sec)
MySQL localhost:3306 ssl test SQL > delete from student1 where regno=18;
Query OK, 1 row affected (0.0409 sec)
MySQL localhost:3306 ssl test SQL > select * from student1;
+-----+-----+-----+
| name | regno | dept |
+-----+-----+-----+

```

2.Perform update,delete queries in 5 tables.

DELETE FROM STUDENT;

SELECT*FROM STUDENT;

DELETE FROM STUDENT1;
SELECT*FROM STUDENT1;

DELETE FROM STUDENT2;
SELECT*FROM STUDENT2;

DELETE FROM STUDENT3;
SELECT*FROM STUDENT3;

DELETE FROM STUDENT4;
SELECT*FROM STUDENT4;

DROP TABLE STUDENT;

DROP TABLE STUDENT1;

DROP TABLE STUDENT2;

DROP TABLE STUDENT3;

DROP TABLE STUDENT4;

Output:

```
MySQL localhost:3306 ssl test SQL > delete from student where rollno=5;
Query OK, 1 row affected (0.0402 sec)
MySQL localhost:3306 ssl test SQL > select * from student;
+-----+
| rollno | name   | dept |
+-----+
| 12     | Lavanya | cse  |
| 18     | Sridevi | cse  |
+-----+
2 rows in set (0.0006 sec)
MySQL localhost:3306 ssl test SQL > delete from student1 where regno=18;
Query OK, 1 row affected (0.0409 sec)
MySQL localhost:3306 ssl test SQL > select * from student1;
+-----+
| name | regno | dept |
+-----+
| suba | 302   | cse  |
| sri  | 17    | cse  |
+-----+
2 rows in set (0.0005 sec)
MySQL localhost:3306 ssl test SQL > delete from student2 where name='Sri';
Query OK, 1 row affected (0.0413 sec)
MySQL localhost:3306 ssl test SQL > select * from student1;
+-----+
| name | regno | dept |
+-----+
| suba | 302   | cse  |
| sri  | 17    | cse  |
+-----+
2 rows in set (0.0006 sec)
MySQL localhost:3306 ssl test SQL > select * from student2;
+-----+
| name | Course | dept |
+-----+
| Lavanya | BE    | cse  |
| suba | BE    | cse  |
+-----+
2 rows in set (0.0005 sec)
MySQL localhost:3306 ssl test SQL > delete from student3 where name='Suba';
Query OK, 1 row affected (0.0399 sec)
```

```

2 rows in set (0.0005 sec)
MySQL localhost:3306 ssl test SQL > delete from student3 where name='Suba';
Query OK, 1 row affected (0.0399 sec)
MySQL localhost:3306 ssl test SQL > select * from student3;
+-----+-----+-----+
| name | subject | grade |
+-----+-----+-----+
| Sridevi | cc | A |
| bharathi | Cns | A |
+-----+-----+-----+
2 rows in set (0.0005 sec)
MySQL localhost:3306 ssl test SQL > delete from student4 where rollno=5;
Query OK, 1 row affected (0.0495 sec)
MySQL localhost:3306 ssl test SQL > select * from student4;
+-----+-----+-----+
| rollno | name | dept |
+-----+-----+-----+
| 12 | Lavanya | cse |
| 18 | Bharathi | cse |
+-----+-----+-----+
2 rows in set (0.0005 sec)
MySQL localhost:3306 ssl test SQL > drop table student;
Query OK, 0 rows affected (0.0436 sec)
MySQL localhost:3306 ssl test SQL > drop table student;
ERROR: 1051 (42S02): Unknown table 'test.student'
MySQL localhost:3306 ssl test SQL > drop table student1;
Query OK, 0 rows affected (0.0459 sec)
MySQL localhost:3306 ssl test SQL > drop table student2;
Query OK, 0 rows affected (0.0473 sec)
MySQL localhost:3306 ssl test SQL > drop table student3;
Query OK, 0 rows affected (0.0431 sec)
MySQL localhost:3306 ssl test SQL > drop table student4;
Query OK, 0 rows affected (0.0485 sec)
MySQL localhost:3306 ssl test SQL >

```

3.Load excel comma separated file to db.

LOAD DATA IN FILE 'Path of the file'
 INTO TABLE table_name
 FIELDS TERMINATED BY ','
 ENCLOSED BY ''''
 LINES TERMINATED BY '\n'
 IGNORE 1 ROWS;

excel csv file:

	A	B	C	D	E
1	Name	RegNo	Subject		
2	Sridevi	18	CC		
3	Bharathi	5	CC		
4	Lavanya	12	CNS		
5	Subasree	302	CNS		
6					
7					
8					
9					
10					
11					

Output:

```
MySQL localhost:3306 ssl test SQL > create table StuList(Name varchar(20), RegNo int, Subject varchar(20));
Query OK, 0 rows affected (0.0834 sec)
MySQL localhost:3306 ssl test SQL > load data infile
      -> 'C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\Test.csv'
      -> into table StuList
      -> fields terminated by ','
      -> ^C
MySQL localhost:3306 ssl test SQL > load data infile
      -> 'C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\Test.csv'
      -> into table StuList
      -> fields terminated by ','
      -> enclosed by '"'
      -> lines terminated by '\\n'
      -> ignore 1 rows;
Query OK, 4 rows affected (0.0434 sec)

Records: 4 Deleted: 0 Skipped: 0 Warnings: 0
MySQL localhost:3306 ssl test SQL > select * from StuList;
+-----+-----+
name    | RegNo | Subject |
+-----+-----+
Sridevi |    18 | CC      |
Bharathi |     5 | CC      |
Lavanya |    12 | CNS     |
Subasree |   302 | CNS     |
+-----+-----+
rows in set (0.0004 sec)
```