Assignment – 8 (Table with foreign key)

1. Create the following tables:

- teacher(t_id,t_name,t_address)

```
MariaDB [dbms_practice]> Create table teacher (tid int primary key,
    -> tname varchar (30),
    -> taddress varchar (40)
    -> );
Query OK, 0 rows affected (0.093 sec)
```

- student(sid,sname,saddress,smarks,t_id)

```
MariaDB [dbms_practice]> create table student(sid int primary key,
    -> sname varchar (40),
    -> saddress varchar (50),
    -> smarks int (10),
    -> tid int (10),
    -> foreign key(tid) references teacher(tid)
    -> );
Query OK, 0 rows affected (0.076 sec)
```

2. Insert 5 tuples in teacher table and 10 tuples in student table.

```
MariaDB [dbms_practice]> insert into teacher (tid, tname, taddress) values
    -> (1, 'ram','ghorahi'),
    -> (2, 'hari','lamahi'),
    -> (3, 'gita', 'rolpa'),
    -> (4, 'ramita','rolpa'),
    -> (5, 'deepa', 'ghorahi');
Query OK, 5 rows affected (0.079 sec)
Records: 5  Duplicates: 0  Warnings: 0
```

```
MariaDB [dbms_practice]> insert into student(sid, sname, saddress, smarks, tid) values
    -> (1, 'manish', 'tulsipur',400,1),
    -> (2, 'sagar', 'ghorahi',450,3),
    -> (3, 'sital', 'salyan',300,5),
    -> (5, 'deepak', 'dang',500,4),
    -> (6, 'puspa', 'tulsipur',400,null),
    -> (7, 'susma', 'tulsipur',200,1),
    -> (8, 'hari', 'tulsipur',400,null),
    -> (9, 'ram', 'tulsipur',400,4),
    -> (10, 'himal', 'rolpa',400,null);
Query OK, 9 rows affected (0.006 sec)
Records: 9  Duplicates: 0  Warnings: 0
```