**Name :Vishal singh**

**Subject:DBMS**

**PRN:1132220536**

**SLIP\_13.**

MariaDB [(none)]> create database slip\_13;

Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> use slip\_13;

Database changed

MariaDB [slip\_13]> create table customer(c\_no int primary key,name varchar(20),addr varchar(20));

Query OK, 0 rows affected (0.246 sec)

MariaDB [slip\_13]> insert into customer values(1001,'vishal','pune');

Query OK, 1 row affected (0.101 sec)

MariaDB [slip\_13]> insert into customer values(1002,'advik','pune');

Query OK, 1 row affected (0.032 sec)

MariaDB [slip\_13]> insert into customer values(1003,'adiit','patna');

Query OK, 1 row affected (0.066 sec)

MariaDB [slip\_13]> create table quotation(q\_no int primary key, check(q\_no>100),description varchar(20),amt\_quoted float);

Query OK, 0 rows affected (0.288 sec)

MariaDB [slip\_13]> insert into quotation values(2001,'fridge',5);

Query OK, 1 row affected (0.050 sec)

MariaDB [slip\_13]> insert into quotation values(2002,'charger',4);

Query OK, 1 row affected (0.068 sec)

MariaDB [slip\_13]> insert into quotation values(2003,'pencil',3);

Query OK, 1 row affected (0.078 sec)

MariaDB [slip\_13]> select \* from customer;

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

| c\_no | name | addr |

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

| 1001 | vishal | pune |

| 1002 | advik | pune |

| 1003 | adiit | patna |

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

3 rows in set (0.000 sec)

MariaDB [slip\_13]> select \* from quotation;

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

| q\_no | description | amt\_quoted |

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

| 2001 | fridge | 5 |

| 2002 | charger | 4 |

| 2003 | pencil | 3 |

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

3 rows in set (0.001 sec)

MariaDB [slip\_13]> create table cust\_quo(c\_no int,foreign key(c\_no) references customer(c\_no) on delete cascade on update cascade,q\_no int,foreign key(q\_no) references quotation(q\_no) on delete cascade on update cascade);

Query OK, 0 rows affected (0.214 sec)

MariaDB [slip\_13]> desc cust\_quo;

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

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

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

| c\_no | int(11) | YES | MUL | NULL | |

| q\_no | int(11) | YES | MUL | NULL | |

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

2 rows in set (0.110 sec)

MariaDB [slip\_13]> insert into cust\_quo values(1001,2001);

Query OK, 1 row affected (0.075 sec)

MariaDB [slip\_13]> insert into cust\_quo values(1001,2002);

Query OK, 1 row affected (0.069 sec)

MariaDB [slip\_13]> insert into cust\_quo values(1003,2002);

Query OK, 1 row affected (0.067 sec)

MariaDB [slip\_13]> insert into cust\_quo values(1003,2003);

Query OK, 1 row affected (0.027 sec)

MariaDB [slip\_13]> insert into cust\_quo values(1002,2003);

Query OK, 1 row affected (0.034 sec)

MariaDB [slip\_13]> insert into cust\_quo values(1001,2001);

Query OK, 1 row affected (0.063 sec)

MariaDB [slip\_13]> select \* from cust\_quo;

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

| c\_no | q\_no |

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

| 1001 | 2001 |

| 1001 | 2002 |

| 1003 | 2002 |

| 1003 | 2003 |

| 1002 | 2003 |

| 1001 | 2001 |

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

6 rows in set (0.000 sec)

MariaDB [slip\_13]>