**Name :Vishal singh**

**Subject:DBMS**

**PRN:1132220536**

**SLIP\_12.**

MariaDB [(none)]> create database slip\_12;

Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> use slip\_12;

Database changed

MariaDB [slip\_12]> create table item(i\_no int primary key,name varchar(20),quantity int,check(quantity>5));

Query OK, 0 rows affected (0.309 sec)

MariaDB [slip\_12]> desc item;

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

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

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

| i\_no | int(11) | NO | PRI | NULL | |

| name | varchar(20) | YES | | NULL | |

| quantity | int(11) | YES | | NULL | |

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

3 rows in set (0.047 sec)

MariaDB [slip\_12]> insert into item values(1001,'keyboard',10);

Query OK, 1 row affected (0.041 sec)

MariaDB [slip\_12]> insert into item values(1002,'pencil',100);

Query OK, 1 row affected (0.094 sec)

MariaDB [slip\_12]> insert into item values(1003,'laptop',200);

Query OK, 1 row affected (0.056 sec)

MariaDB [slip\_12]> create table sup(s\_no int primary key,s\_name varchar(20),addr varchar(20),city varchar(20),phone bigint);

Query OK, 0 rows affected (0.237 sec)

MariaDB [slip\_12]> insert into sup values(2001,'sudh','deccan','pune',7875487500);

Query OK, 1 row affected (0.063 sec)

MariaDB [slip\_12]> insert into sup values(2002,'sakshi','kothrud','pune',7875487870);

Query OK, 1 row affected (0.039 sec)

MariaDB [slip\_12]> insert into sup values(2003,'yash','danapur','patna',9905401800);

Query OK, 1 row affected (0.060 sec)

MariaDB [slip\_12]> select \* from item;

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

| i\_no | name | quantity |

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

| 1001 | keyboard | 10 |

| 1002 | pencil | 100 |

| 1003 | laptop | 200 |

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

3 rows in set (0.001 sec)

MariaDB [slip\_12]> select \* from sup;

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

| s\_no | s\_name | addr | city | phone |

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

| 2001 | sudh | deccan | pune | 7875487500 |

| 2002 | sakshi | kothrud | pune | 7875487870 |

| 2003 | yash | danapur | patna | 9905401800 |

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

3 rows in set (0.001 sec)

MariaDB [slip\_12]> create table item\_sup(i\_no int,foreign key(i\_no) references item(i\_no),s\_no int,foreign key(s\_no) references sup(s\_no),discount decimal(10,3),rate int,check(rate>0));

Query OK, 0 rows affected (0.273 sec)

MariaDB [slip\_12]> desc item\_sup;

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

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

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

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

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

| discount | decimal(10,3) | YES | | NULL | |

| rate | int(11) | YES | | NULL | |

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

4 rows in set (0.017 sec)

MariaDB [slip\_12]> insert into item\_sup values(1001,2001,5.0,8500);

Query OK, 1 row affected (0.089 sec)

MariaDB [slip\_12]> insert into item\_sup values(1002,2002,3.0,7500);

Query OK, 1 row affected (0.058 sec)

MariaDB [slip\_12]> insert into item\_sup values(1003,2003,9.0,10500);

Query OK, 1 row affected (0.034 sec)

MariaDB [slip\_12]> insert into item\_sup values(1002,2003,5.0,1500);

Query OK, 1 row affected (0.110 sec)

MariaDB [slip\_12]> insert into item\_sup values(1001,2003,6.0,4500);

Query OK, 1 row affected (0.056 sec)

MariaDB [slip\_12]> insert into item\_sup values(1001,2001,6.0,2500);

Query OK, 1 row affected (0.192 sec)

MariaDB [slip\_12]> select \* from item\_sup;

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

| i\_no | s\_no | discount | rate |

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

| 1001 | 2001 | 5.000 | 8500 |

| 1002 | 2002 | 3.000 | 7500 |

| 1003 | 2003 | 9.000 | 10500 |

| 1002 | 2003 | 5.000 | 1500 |

| 1001 | 2003 | 6.000 | 4500 |

| 1001 | 2001 | 6.000 | 2500 |

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

6 rows in set (0.001 sec)

MariaDB [slip\_12]>