**Name :Vishal singh**

**Subject:DBMS**

**PRN:1132220536**

**SLIP\_19.**

MariaDB [(none)]> create database slip\_19;

Query OK, 1 row affected (0.002 sec)

MariaDB [(none)]> use slip\_19;

Database changed

MariaDB [slip\_19]> create table game(g\_name varchar(20) primary key,no\_of\_players int,captain\_name varchar(20));

Query OK, 0 rows affected (0.234 sec)

MariaDB [slip\_19]> desc game;

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

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

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

| g\_name | varchar(20) | NO | PRI | NULL | |

| no\_of\_players | int(11) | YES | | NULL | |

| captain\_name | varchar(20) | YES | | NULL | |

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

3 rows in set (0.016 sec)

MariaDB [slip\_19]> insert into game values('cricket',11,'vishal');

Query OK, 1 row affected (0.065 sec)

MariaDB [slip\_19]> insert into game values('kabaddi',7,'aditi');

Query OK, 1 row affected (0.066 sec)

MariaDB [slip\_19]> insert into game values('table\_tennis',2,'swati');

Query OK, 1 row affected (0.092 sec)

MariaDB [slip\_19]> select \* from game;

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

| g\_name | no\_of\_players | captain\_name |

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

| cricket | 11 | vishal |

| kabaddi | 7 | aditi |

| table\_tennis | 2 | swati |

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

3 rows in set (0.000 sec)

MariaDB [slip\_19]> create table players(p\_name varchar(20) primary key,addr varchar(20),club\_name varchar(20));

Query OK, 0 rows affected (0.172 sec)

MariaDB [slip\_19]> desc players;

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

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

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

| p\_name | varchar(20) | NO | PRI | NULL | |

| addr | varchar(20) | YES | | NULL | |

| club\_name | varchar(20) | YES | | NULL | |

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

3 rows in set (0.020 sec)

MariaDB [slip\_19]> insert into players values('vishnu','pune','pyc');

Query OK, 1 row affected (0.069 sec)

MariaDB [slip\_19]> insert into players values('aditya','pune','deccan\_club');

Query OK, 1 row affected (0.035 sec)

MariaDB [slip\_19]> insert into players values('yash','pune','22\_yards');

Query OK, 1 row affected (0.038 sec)

MariaDB [slip\_19]> select \* from players;

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

| p\_name | addr | club\_name |

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

| aditya | pune | deccan\_club |

| vishnu | pune | pyc |

| yash | pune | 22\_yards |

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

3 rows in set (0.000 sec)

MariaDB [slip\_19]> create table game\_players(g\_name varchar(20),foreign key(g\_name) references game(g\_name) on delete cascade on update cascade,p\_name varchar(20),foreign key(p\_name) references players(p\_name) on delete cascade on update cascade,coach\_name varchar(20));

Query OK, 0 rows affected (0.231 sec)

MariaDB [slip\_19]> desc game\_players;

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

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

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

| g\_name | varchar(20) | YES | MUL | NULL | |

| p\_name | varchar(20) | YES | MUL | NULL | |

| coach\_name | varchar(20) | YES | | NULL | |

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

3 rows in set (0.019 sec)

MariaDB [slip\_19]> insert into game\_players values('cricket','vishnu','patil');

Query OK, 1 row affected (0.085 sec)

MariaDB [slip\_19]> insert into game\_players values('cricket','aditya','patil');

Query OK, 1 row affected (0.077 sec)

MariaDB [slip\_19]> insert into game\_players values('kabaddi','yash','ravetkar');

Query OK, 1 row affected (0.032 sec)

MariaDB [slip\_19]> insert into game\_players values('table\_tennis','yash','ravetkar');

Query OK, 1 row affected (0.022 sec)

MariaDB [slip\_19]> select \* from game\_players;

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

| g\_name | p\_name | coach\_name |

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

| cricket | vishnu | patil |

| cricket | aditya | patil |

| kabaddi | yash | ravetkar |

| table\_tennis | yash | ravetkar |

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

4 rows in set (0.001 sec)

MariaDB [slip\_19]>