

**QUERRY:**

1. CREATION OF TABLE 1:

CREATE TABLE VENUE\_DETAILS(

M\_ID varchar(255) PRIMARY KEY,

Venue varchar(255) NOT NULL

);

2.CREATION OF TABLE 2:

CREATE TABLE TEAM\_DETAILS(

T\_ID varchar(255) PRIMARY KEY,

Team\_name varchar(255) NOT NULL

);

3.CREATION OF TABLE 3:

CREATE TABLE CAPTAIN\_DETAILS(

C\_ID varchar(255) PRIMARY KEY,

T\_ID varchar(255) NOT NULL,

Captain\_name varchar(255) NOT NULL,

FOREIGN KEY(T\_ID) REFERENCES TEAM\_DETAILS(T\_ID)

);

4.CREATION OF TABLE 4:

CREATE TABLE MATCH\_DETAILS(

M\_ID varchar(255) PRIMARY KEY,

T\_ID of tem 1 varchar(255) NOT NULL,

T\_ID of tem 2 varchar(255) NOT NULL,

C\_ID of tem 1 varchar(255) NOT NULL,

C\_ID of tem 2 varchar(255) NOT NULL,

Date varchar(255) NOT NULL

FOREIGN KEY(M\_ID) REFERENCES VENUE\_DETAILS(M\_ID)

);

5.CREATION OF TABLE 5:

M\_ID varchar(255) NOT NULL,

T\_ID varchar(255) NOT NULL,

Toss own by varchar(255) NOT NULL,

Match own by varchar(255) NOT NULL,

PRIMARY KEY(M\_ID),

FOREIGN KEY(T\_ID) REFERENCES TEAM\_DETAILS(T\_ID)

FOREIGN KEY(M\_ID) REFERENCES VENUE\_DETAILS(M\_ID)

);

**INSERTION OF DATA:**

1. INSERT INTO VENUE\_DETAILS(M\_ID,Venue)

VALUE (‘A1’,'Kolkata’);

2. INSERT INTO TEAM\_DETAILS(T\_ID,Team)

VALUE (‘T1’,'CSK’);

3. INSERT INTO CAPTAIN\_DETAILS(C\_ID,T\_ID,captain)

VALUE (‘C1’,’T1’,'Virat’);

4. INSERT INTO CAPTAIN\_DETAILS(M\_ID,Date,T\_ID of Team 1,T\_ID of Team 2,C\_ID of Team 1,C\_ID of Team)

VALUE (‘A1’,’2019/09/05’,’T1’,’T2’,’C1’,’C2’’);

5. INSERT INTO RESULT\_DETAILS(M\_ID,Toss own by, Match own by)

VALUE (‘A1’,’T1’,’T1’);

**DESCRIPTION:**

Here in this ER diagram i made five different table where the first table contains the venue of the match , the second table contain about the information of the team name , the third table contains the information about the captain details of the table and the fourth table contains about the match details and the last table contains about the result details. All the tables are inter connected by the M\_ID,T\_ID\_C\_ID. Through which it is easier to reduce the redundency to find the expected fields from the DBMS.