

### **Task-1:**

```
SQL>create table CricketBoard(BoardID varchar(10) PRIMARY KEY, Name varchar(30), Address  
varchar(50), Contact_No number);
```

Table Created

```
SQL>DESC CricketBoard
```

Column	NULL	TYPE
BoardID	NOT NULL	VARCHAR(10)
Name	-	VARCHAR(30)
Address	-	VARCHAR(50)
Contact_No	-	NUMBER

```
SQL> create table Team(TeamID varchar(10) PRIMARY KEY, BoardID varchar(10), Name varchar(30),  
Coach varchar(30), Captain varchar(30), FOREIGN KEY(BoardID) REFERENCES CricketBoard(BoardID));
```

Table created.

```
SQL> DESC TEAM
```

Name	Null?	Type
-----		
TEAMID	NOT NULL	VARCHAR2(10)
BOARDID	NOT NULL	VARCHAR2(10)
NAME	-	VARCHAR2(30)
COACH	-	VARCHAR2(30)
CAPTAIN	-	VARCHAR2(30)

```
SQL> CREATE table Player(PlayerID varchar(6) PRIMARY KEY, TeamID varchar(10), FName varchar(30),  
LName varchar(30), Age number(5,2), DateofBirth date, PlayingRole varchar(25), email varchar(40),  
contact_no number, FOREIGN KEY(TeamID) REFERENCES Team(TeamID));
```

Table created.

```
SQL> DESC PLAYER
```

Name	Null?	Type
-----		
PLAYERID	NOT NULL	VARCHAR2(6)
TEAMID	NOT NULL	VARCHAR2(10)
FNAME		VARCHAR2(30)
LNAME		VARCHAR2(30)
AGE		NUMBER(5,2)
DATEOFBIRTH		DATE
PLAYINGROLE		VARCHAR2(25)
EMAIL		VARCHAR2(40)
CONTACT_NO		NUMBER

```
SQL> create table Match( MatchID varchar(10), TeamID1 varchar(10), TeamID2 varchar(10), Match_Date
date, Time1 number, Result varchar(20), PRIMARY KEY(MatchID), FOREIGN KEY(TeamID1) REFERENCES
team(TeamID), FOREIGN KEY(TeamID2) REFERENCES team(TeamID));
```

Table created.

```
SQL> DESC Match
```

Name	Null?	Type
-----		
MATCHID	NOT NULL	VARCHAR2(10)
TEAMID1	NOT NULL	VARCHAR2(10)
TEAMID2	NOT NULL	VARCHAR2(10)
PLAYERID	NOT NULL	VARCHAR2(6)
MATCH_DATE		DATE
TIME1		NUMBER
RESULT		VARCHAR2(20)

```
SQL> create table Ground(GroundID varchar(10) PRIMARY KEY, MatchID Varchar(10), Name varchar(30),
Location varchar(30), Capacity number, FOREIGN KEY(MatchID) REFERENCES Match(MatchID));
```

Table created

```
SQL> DESC Ground
```

Name	Null?	Type
-----		

GROUNDID	NOT NULL	VARCHAR2(10)
MATCHID	NOT NULL	VARCHAR2(10)
NAME		VARCHAR2(30)
LOCATION		VARCHAR2(30)
CAPACITY		NUMBER

SQL> Create Table Umpire(UmpireID varchar(10) PRIMARY KEY, FName varchar(30), LName varchar(30), Age number(5,2), DateofBirth date, Country varchar(30), email varchar(40), contact\_no number);

SQL> DESC Umpire

Name	Null?	Type
-----		
UMPIREID	NOT NULL	VARCHAR2(10)
FNAME		VARCHAR2(30)
LNAME		VARCHAR2(30)
AGE		NUMBER(5,2)
DATEOFBIRTH		DATE
COUNTRY		VARCHAR2(30)
EMAIL		VARCHAR2(40)
CONTACT_NO		NUMBER

SQL> create table Umpire\_Umpired(UmpireID varchar(10), MatchID Varchar(10), GroundID varchar(10), FOREIGN KEY(UmpireID) REFERENCES Umpire(UmpireID), FOREIGN KEY(MatchID) REFERENCES Match(MatchID), FOREIGN KEY(GroundID) REFERENCES Ground(GroundID));

Table created.

SQL> DESC Umpire

Name	Null?	Type
-----		
UMPIREID	NOT NULL	VARCHAR2(10)
GROUNDID	NOT NULL	VARCHAR2(10)
MATCHID	NOT NULL	VARCHAR2(10)

