Team Spartacus
Jesus Contreras

4 Tables

Player
fName,lName,DOB(date of birth),college,EXP(experience),playerNumb,teamName

Statistics
PPG,playerNumber,TeamName,APG,blocks,steals,rebounds

Team
TeamID, Name, location, conference, division, venue

Standings
teamName, win, loss, PCT, streak

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Just for my own Reference.
*Here are the links to the create tables and loading the ddls
Create tables
http://www.cecs.csulb.edu/~murgolo/323_Spring_2013/SalesDB_DDL.txt
Load the ddls
http://www.cecs.csulb.edu/~murgolo/323_Spring_2013/SalesDB_Load.txt
And the generic website it's a pretty good resource.
http://www.w3schools.com/sql/sql_syntax.asp

Tables

1. Teams
TeamId, LocationId, DivisionId,TeamName
2. Games
 Team1Id, Team1Score, Team2Id, Team2Score, gameDate //this contains a composite primary key
3. Players
Id, fName, lName, Position, DOB, Number, currentTeamId,School
4. Statistics
PlayerId, StatsId, Stat, team1id, team2id, gamedate (team1id, team2id, date are foreign keys)
5. Category (will no longer keep track of avg stats, but will record stat for a game so need to modify data)
Id, statName
6. Location
Id, City, State, Venue
7. Division
Id, Name, conferenceName
8. Season
Id, startDate, endDate
9. PlayerHistory (will show when a player joined a team)
PlayerId, TeamId, Date

DDL
TEAMS TO FOCUS ON (PLAYERS TABLE), will only make database relevant to the following teams, yes a robust database is important, but knowing how to implement an efficient one is the point of this assignment/course.
VVVVVVVVVVVVVVTEAMS IN PLAYOFFS (FOR LOCATION AND TEAMS TABLE)VVVVVVVVVVVVVVVVV
Lakers
Thunder
Heat
Clippers
^^^
Note: Lakers play each team twice

data and DDL for new tables

DDL

The scope of the database is designed to focus on NBA players and games.

```
/*1*/
CREATE TABLE Players
(
Id             INTEGER          NOT NULL,
fName          VARCHAR(12)      NOT NULL,
lName          VARCHAR(20)      NOT NULL,
Position       CHAR             NOT NULL,
DOB            DATE             NOT NULL,
Number         VARCHAR(2)       NOT NULL,
currentTeamId  INTEGER          NOT NULL,

CONSTRAINT players_PK PRIMARY KEY(Id),
CONSTRAINT players_teams_FK FOREIGN KEY(currentTeamId) REFERENCES Teams(TeamId)
);


/*2*/
CREATE TABLE Seasons
(
  Id                    INTEGER                  UNIQUE,
  Name                  VARCHAR(25)            NOT NULL,

  CONSTRAINT seasons_pk PRIMARY KEY (Id)
);


/*3*/
CREATE TABLE PlayerHistory
(
 PlayerId               INTEGER              NOT NULL    UNIQUE,
 TeamId                 INTEGER      NOT NULL    CHECK(1<=TeamId AND TeamId<=30),
 TeamDate               DATE                     NOT NULL,

CONSTRAINT playerhistory_pk PRIMARY KEY (PlayerId, TeamId, TeamDate),
CONSTRAINT playerhistory_players_FK FOREIGN KEY (PlayerId)
REFERENCES Players (ID),
CONSTRAINT playerhistory_teams_FK FOREIGN KEY (TeamID)
REFERENCES Teams (TeamId),
);
```

```
/*4*/
CREATE TABLE Teams
(
 TeamId             INTEGER        CHECK(1<=TeamId AND TeamId<=30),
 Name               VARCHAR(12)  NOT NULL       UNIQUE,
 LocationId         INTEGER        NOT NULL,
 DivisionId         INTEGER        NOT NULL,

 CONSTRAINT teams_PK       PRIMARY KEY(TeamId),
 CONSTRAINT teams_location_fk FOREIGN KEY (LocationId)
 REFERENCES Location(LocationId),
 CONSTRAINT teams_division_fk FOREIGN KEY (DivisionId)
 REFERENCES Division(DivisionId)
);

/*5*/
CREATE TABLE Games
(
 Team1Id     INTEGER,
 Team1Score  INTEGER      NOT NULL,
 Team2Id     INTEGER,
 Team2Score  INTEGER      NOT NULL,
 SeasonId    INTEGER,
 GameDate    DATE,

 CONSTRAINT games_pk PRIMARY KEY (Team1Id, Team2Id, GameDate),
 CONSTRAINT games_seasons_fk     FOREIGN KEY (SeasonId)
 REFERENCES Seasons(Id),
 CONSTRAINT games_team1id_fk      FOREIGN KEY (Team1Id)
 REFERENCES Teams(TeamId),
 CONSTRAINT games_team2id_fk      FOREIGN KEY (Team2Id)
 REFERENCES Teams(TeamId)
);

/*6*/
CREATE TABLE Statistics
(
 PlayerId    INTEGER,
 StatId      INTEGER,
 Stat        FLOAT        NOT NULL,
 Team1Id     INTEGER,
 Team2ID     INTEGER,
 GameDate    DATE,

 CONSTRAINT statistics_PK PRIMARY KEY (PlayerId, StatId, Team1Id, Team2ID, GameDate),
 CONSTRAINT statistics_category_FK FOREIGN KEY (StatID)
 REFERENCES Category (CategoryID),
 CONSTRAINT statistics_games_FK FOREIGN KEY (Team1ID, Team2ID, GameDate)
 REFERENCES Games (Team1ID, Team2ID, GameDate)
);
```

```
/*7*/
CREATE TABLE Categories
(
        CategoryId    INTEGER,
        StatName      VARCHAR(20)  NOT NULL,


        CONSTRAINT category_PK PRIMARY KEY (CategoryId)
);
/*8*/
CREATE TABLE Location
(
        LocationId    INTEGER      CHECK(1<=LocationId AND LocationId<=29),
        City          VARCHAR(20)  NOT NULL, /* Longest city name is Oklahoma City */
        State         VARCHAR(20)  NOT NULL, /* Longest state name is Massachusetts */
        Venue         VARCHAR(30)  NOT NULL,


        CONSTRAINT location_PK PRIMARY KEY (LocationId)
);
/*9*/
CREATE TABLE Division
(
        DivisionId    INTEGER      CHECK(0<=DivisionId AND DivisionId<=6),
        Name          VARCHAR(15)  NOT NULL,
        Conference    VARCHAR(15)  NOT NULL,


        CONSTRAINT division_PK PRIMARY KEY (DivisionId)
);
```

```
/*###########################Start of PlayerHistory DDL###########################*/
/*If players are traded during the offseason I will
use an arbitrary date for TeamDate, the nba season usually
starts the last week of October, I'll keep this in mind when
coming up with a date*/
INSERT INTO PlayerHistory VALUES
/*Heat ID13*/
(1,13, 2007/10/29),/*Anthony, Heat*/
(2,5,2003/10/30),/*Bosh,Raptors*/
(2,13,2010/10/27),/*Bosh, Heat*/
(3,13,2008/10/28),/*Chalmers,Heat*/
(4,7,2003/10/30),/*James,Cavaliers*/
(4,13,2010/10/27),/*James, Heat*/
(5,13,2003/10/30),/*Wade,Heat*/
/*Lakers ID18*/
(21,18,1996/10/31),/*Bryant,Lakers*/
(22,18,2005/10/28),/*Bynum,Lakers*/
(23,18,1996/10/31),/*Fisher,Lakers*/
(23,16,2004/10/27),/*Fisher,Warriors*/
(23,30,2006/10/26),/*Fisher,Jazz*/
(23,18,2007/10/29),/*Fisher,Lakers*/
(24,23,2001/10/29),/*Gasol, Grizzlies*/
(24,18,2008/02/01),/*Gasol, Lakers*/
(25,6,1999/10/27),/*WorldWar, Bulls*/
(25,9,2002/02/19),/*WorldWar, Pacers*/
(25,20,2006/01/25),/*WorldWar, Kings*/
(25,22,2008/10/28),/*WorldWar, Rockets*/
(25,18,2009/10/27),/*WorldWar, Lakers*/
/*Thunder ID28*/
(26,28,2007/10/29),/*Durant,Thunder*/
(27,28,2009/10/27),/*Harden,Thunder*/
(28,28,2009/10/27),/*Ibaka,Thunder*/
(29,6,2006/10/28),/*Sefolosha,Bulls*/
(29,28,2009/2/19),/*Sefolosha,Thunder*/
(30,28,2008/10/28),/*Westbrook,Thunder*/
/*Clippers ID17*/
(41,24,2005/10/28),/*Paul,Hornets*/
(41,17,2011/12/25),/*Paul,Clippers*/
(42,17,2010/10/27),/*Griffin,Clippers*/
(43,15,2007/10/29),/*Young,Wizards*/
(43,17,2012/03/15),/*Young,Clippers*/
(44,27,2006/10/26),/*Foye,Timberwolves*/
(44,15,2009/10/27),/*Foye,Wizards*/
(44,17,2010/10/27),/*Foye,Clippers*/
(45,17,2008/10/28);/*Jordan,Clippers*/
/*###########################End of PlayerHistory DDL###########################*/
```

```
/*###########################Start of Seasons DDL###########################*/
INSERT INTO Seasons VALUES
(1,"1996-1997 Regular Season"),
(2,"1996-1997 Playoffs"),
(3,"1997-1998 Regular Season"),
(4,"1997-1998 Playoffs"),
(5,"1998-1999 Regular Season"),
(6,"1998-1999 Playoffs"),
(7,"1999-2000 Regular Season"),
(8,"1999-2000 Playoffs"),
(9,"2000-2001 Regular Season"),
(10,"2000-2001 Playoffs"),
(11,"2001-2002 Regular Season"),
(12,"2001-2002 Playoffs"),
(13,"2002-2003 Regular Season"),
(14,"2002-2003 Playoffs"),
(15,"2003-2004 Regular Season"),
(16,"2003-2004 Playoffs"),
(17,"2004-2005 Regular Season"),
(18,"2004-2005 Playoffs"),
(19,"2005-2006 Regular Season"),
(20,"2005-2006 Playoffs"),
(21,"2006-2007 Regular Season"),
(22,"2006-2007 Playoffs"),
(23,"2007-2008 Regular Season"),
(24,"2007-2008 Playoffs"),
(25,"2008-2009 Regular Season"),
(26,"2008-2009 Playoffs"),
(27,"2009-2010 Regular Season"),
(28,"2009-2010 Playoffs"),
(29,"2010-2011 Regular Season"),
(30,"2010-2011 Playoffs"),
(31,"2011-2012 Regular Season"),
(32,"2011-2012 Playoffs");
/*###########################End of Seasons DDL###########################*/
```

```
/*###########################Start of Players DDL###########################*/
/*Miami Heat*/              /*year,month,day*/
(1,'Joel'  ,'Anthony', 'C','1982/08/9','50',13,'University of Nevada, Las Vegas'),
(2,'Chris' ,'Bosh'   , 'F','1984/3/24','1' 13,'Georgia Institute of Technology'),
(3,'Mario' ,'Chalmers', 'G', '1986/5/19','15',13,'University of Kansas'),
(4,'LeBron','James', 'F', '1984/12/30','6',13,'St. Vincent/St. Mary (HS)'),
(5,'Dwyane','Wade', 'G','1982/1/17','3',13,'Marquette University'),


/*Chicago Bulls*/
(11,'Keith', 'Bogans', 'G','5/12/1980','6',3,7,'University of Kentucky'),
(12,'Carlos', 'Boozer', 'F','11/20/1981','5',3,8,'Duke University'),
(13,'Luol', 'Deng', 'F', '4/16/1985','9',3,6,'Duke University'),
(14,'Joakim' , 'Noah','C', '2/25/1985','13',3,3,'University of Florida'),
(15,'Derrick', 'Rose', 'G', '10/4/1988','1',3,2,'University of Memphis'),


/*Dallas Mavericks*/
(16,'Tyson', 'Chandler', 'C', '10/2/1982','6',1,9,'Dominguez HS'),
(17,'Jason', 'Kidd', 'G', '3/23/1973','2',1,16,'University of California'),
(18,'Shawn', 'Marion', 'F', '5/7/1978','0',1,11,'University of Nevada, Las Vegas'),
(19,'Dirk', 'Nowitzki', 'F', '6/19/1978','41',1,12,'Germany'),
(20,'Jason', 'Terry', 'G', '9/15/1977','31',1,11,'University of Arizona'),


/*Los Angeles Lakers*/
(21,'Kobe', 'Bryant', 'G', '8/23/1978','24',8,14,'Lower Merion (HS)'),
(22,'Andrew', 'Bynum', 'C', '10/27/1987','17',8,5,'St. Josephs (HS)'),
(23,'Derek', 'Fisher', 'G', '8/9/1974','2',8,14,'University of Arkansas at Little
Rock'),
(24,'Pau', 'Gasol', 'F', '7/6/1980','16',8,9,'Spain'),
(25,'Metta', 'World Peace', 'F', '11/13/1979','15',8,11,'St. John''s University'),


/*Oklahoma City Thunder*/
(26,'Kevin', 'Durant', 'F', '9/29/1988','35',4,3,'University of Texas at Austin'),
(27,'James', 'Harden', 'G', '8/26/1989','13',4,1,'Arizona State University'),
(28,'Serge', 'Ibaka', 'F', '9/18/1989','9',4,1,'Congo'),
(29,'Thabo', 'Sefolosha', 'G', '5/2/1984','2',4,4,'Sweden'),
(30,'Russell', 'Westbrook', 'G', '11/12/1988','0',4,2,'University of California, Los
Angeles'),


/*Orlando Magic*/
(31,'Vince', 'Carter', 'G', '1/26/1977','15',7,12,'University of North Carolina'),
(32,'Dwight', 'Howard', 'C', '12/8/1985','12',7,6,'SW Atlanta Christian Academy
(HS)'),
(33,'Rashard', 'Lewis', 'F', '8/8/1979','9',7,12,'Alief Elsik (HS)'),
(34,'Jameer', 'Nelson', 'G', '2/9/1982','14',7,6,'Saint Joseph''s University'),
(35,'Hedo', 'Turkoglu', 'F', '3/19/1979','15',7,10,'Turkey'),


/*San Antonio Spurs*/
(36,'DeJuan', 'Blair', 'F', '4/22/1989','45',6,1,'University of Pittsburgh'),
(37,'Tim', 'Duncan', 'F', '4/25/1976','21',6,13,'Wake Forest University'),
(38,'Manu', 'Ginobili', 'G', '7/28/1977','20',6,8,'Argentina'),
(39,'Richard', 'Jefferson', 'F', '6/21/1980','24',6,9,'University of Arizona'),
(40,'Tony', 'Parker', 'G', '5/17/1982','9',6,9,'France'),
```

```sql
/*Los Angeles Clippers*/
(41,'Chris','Paul','G','3','1985/05/06',Wake Forest),
(42, 'Blake','Griffin','F','32','1989/03/16',Oklahoma),
(43,'Nick', 'Young','SG','11','1989/03/16',Southern California),
(44, 'Randy','Foye', 'G','4','1983/09/24', Villanova),
(45, 'DeAndre','Jordan','C','6','1988/07/21',Texas A&M);


/*############################Start of Players DDL###########################*/
```

```
/*#########################Start of Category DDL#########################*/
INSERT INTO Category VALUES
(1, 'minutes'),
(2, 'field goal made'),
(3, 'field goal attempt'),
(4, '3-point shot made'),
(5, '3-point attempted'),
(6, 'free throw made'),
(7, 'free throw attempted'),
(8, 'offensive rebound'),
(9, 'defensive rebound'),
(10, 'assist'),
(11, 'personal foul'),
(12, 'steal'),
(13, 'turnover'),
(14, 'block shot'),
(15, 'block allowed'),
(16, 'points');
/*#########################End of Category DDL#########################*/


/*#########################Start of Division DDL#########################*/
INSERT INTO Division VALUES
(0, 'None', 'None'),
(1, 'Atlantic', 'Eastern Conference'),
(2, 'Central', 'Eastern Conference'),
(3, 'Southeast', 'Eastern Conference'),
(4, 'Pacific', 'Western Conference'),
(5, 'Southwest', 'Western Conference'),
(6,  'Northwest', 'Western Conference');
/*#########################End of Division DDL#########################*/


/*#########################Start of Games DDL#########################*/
INSERT INTO Games VALUES

(18,79,2,85,31,'2012-5-1'),
(3,101,4,96,31,'2012-5-1'),
(5,94,6,85,31,'2012-5-1'),
(7,101,8,100,31, '2012-5-1'),
(1,79,8,85,31,'2012-5-1'),
(2,88,7,92,31,'2012-5-1'),
(3,93,6,96,31,'2012-5-1'),
(4,85,5,97,31,'2012-5-1'),
(18,79,2,86,31,'2012-04-29'),
(18,80,2,87,31,'2012-04-25'),
(18,81,2,85,31,'2012-04-23'),
(18,82,2,88,31,'2012-04-20'),
(18,83,2,89,31,'2012-04-19'),
(18,84,2,75,31,'2012-04-15'),
(18,85,2,65,31,'2012-04-13'),
(18,86,2,83,31,'2012-04-11'),
(18,87,2,82,31,'2012-04-09'),
(18,88,2,81,31,'2012-04-02')
;
/*#########################End of Games DDL#########################*/
```

```
/*############################Start of Statistics DDL############################*/
INSERT INTO Statistics VALUES
(1,1,39.92,1,2,'2012-05-01'),
(1,1,32,1,2,'2012-04-29'),
(1,1,48,1,2,'2012-04-25'),
(1,1,20,1,2,'2012-04-23'),
(1,1,10,1,2,'2012-04-20'),
(1,1,12,1,2,'2012-04-19'),
(1,1,32,1,2,'2012-04-15'),
(1,1,37,1,2,'2012-04-13'),
(1,1,12,1,2,'2012-04-11'),
(1,1,22,1,2,'2012-04-09'),
(1,1,12,1,2,'2012-04-02'),
(1,2,7,1,2,'2012-05-01'),
(1,2,2,1,2,'2012-04-29'),
(1,2,4,1,2,'2012-04-25'),
(1,2,0,1,2,'2012-04-23'),
(1,2,0,1,2,'2012-04-20'),
(1,2,1,1,2,'2012-04-19'),
(1,2,2,1,2,'2012-04-15'),
(1,2,3,1,2,'2012-04-13'),
(1,2,1,1,2,'2012-04-11'),
(1,2,2,1,2,'2012-04-09'),
(1,2,1,1,2,'2012-04-02'),
(1,3,13,1,2,'2012-05-01'),
(1,3,3,1,2,'2012-04-29'),
(1,3,8,1,2,'2012-04-25'),
(1,3,2,1,2,'2012-04-23'),
(1,3,1,1,2,'2012-04-20'),
(1,3,2,1,2,'2012-04-19'),
(1,3,3,1,2,'2012-04-15'),
(1,3,7,1,2,'2012-04-13'),
(1,3,2,1,2,'2012-04-11'),
(1,3,2,1,2,'2012-04-09'),
(1,3,2,1,2,'2012-04-02'),
(1,4,1,1,2,'2012-05-01'),
(1,5,2,1,2,'2012-05-01'),
(1,6,1,1,2,'2012-05-01'),
(1,7,2,1,2,'2012-05-01'),
(1,8,1,1,2,'2012-05-01'),
(1,9,6,1,2,'2012-05-01'),
(1,10,3,1,2,'2012-05-01'),
(1,11,3,1,2,'2012-05-01'),
(1,12,3,1,2,'2012-05-01'),
(1,13,0,1,2,'2012-05-01'),
(1,14,1,1,2,'2012-05-01'),
(1,15,3,1,2,'2012-05-01'),
(1,16,16,1,2,'2012-05-01'),
(1,16,32,1,2,'2012-04-29'),
(1,16,48,1,2,'2012-04-25'),
(1,16,20,1,2,'2012-04-23'),
(1,16,10,1,2,'2012-04-20'),
(1,16,12,1,2,'2012-04-19'),
(1,16,32,1,2,'2012-04-15'),
(1,16,37,1,2,'2012-04-13'),
```

```
(1,16,12,1,2,'2012-04-11'),
(1,16,22,1,2,'2012-04-09'),
(1,16,12,1,2,'2012-04-02'),
(2,1,41.15,1,2,'2012-05-01'),
(2,2,5,1,2,'2012-05-01'),
(2,3,11,1,2,'2012-05-01'),
(2,4,0,1,2,'2012-05-01'),
(2,5,0,1,2,'2012-05-01'),
(2,6,8,1,2,'2012-05-01'),
(2,7,8,1,2,'2012-05-01'),
(2,8,4,1,2,'2012-05-01'),
(2,9,8,1,2,'2012-05-01'),
(2,10,2,1,2,'2012-05-01'),
(2,11,3,1,2,'2012-05-01'),
(2,12,0,1,2,'2012-05-01'),
(2,13,2,1,2,'2012-05-01'),
(2,14,2,1,2,'2012-05-01'),
(2,15,1,1,2,'2012-05-01'),
(2,16,18,1,2,'2012-05-01'),
(3,1,27.30,1,2,'2012-05-01'),
(3,2,4,1,2,'2012-05-01'),
(3,3,10,1,2,'2012-05-01'),
(3,4,1,1,2,'2012-05-01'),
(3,5,1,1,2,'2012-05-01'),
(3,6,3,1,2,'2012-05-01'),
(3,7,5,1,2,'2012-05-01'),
(3,8,4,1,2,'2012-05-01'),
(3,9,4,1,2,'2012-05-01'),
(3,10,4,1,2,'2012-05-01'),
(3,11,4,1,2,'2012-05-01'),
(3,12,4,1,2,'2012-05-01'),
(3,13,4,1,2,'2012-05-01'),
(3,14,4,1,2,'2012-05-01'),
(3,15,4,1,2,'2012-05-01'),
(3,16,10,1,2,'2012-05-01'),
(4,1,30.90,1,2,'2012-05-01'),
(4,2,6,1,2,'2012-05-01'),
(4,3,8,1,2,'2012-05-01'),
(4,4,2,1,2,'2012-05-01'),
(4,5,4,1,2,'2012-05-01'),
(4,6,4,1,2,'2012-05-01'),
(4,7,6,1,2,'2012-05-01'),
(4,8,3,1,2,'2012-05-01'),
(4,9,2,1,2,'2012-05-01'),
(4,10,6,1,2,'2012-05-01'),
(4,11,2,1,2,'2012-05-01'),
(4,12,3,1,2,'2012-05-01'),
(4,13,4,1,2,'2012-05-01'),
(4,14,5,1,2,'2012-05-01'),
(4,15,4,1,2,'2012-05-01'),
(4,16,20,1,2,'2012-05-01'),
(5,1,39.11,1,2,'2012-05-01'),
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(6,14,1,1,2,'2012-05-01'),
(6,15,3,1,2,'2012-05-01'),
(6,16,16,1,2,'2012-05-01'),
(7,1,41.15,1,2,'2012-05-01'),
(7,2,5,1,2,'2012-05-01'),
(7,3,11,1,2,'2012-05-01'),
(7,4,0,1,2,'2012-05-01'),
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(7,9,8,1,2,'2012-05-01'),
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(10,16,8,1,2,'2012-05-01');
/*############################End of Statistics DDL############################*/
```

```sql
/*###########################Start of Teams DDL###########################*/
INSERT INTO Teams VALUES
        (1, 'Celtics', 1, 1),
        (2, 'Nets', 2, 1),
        (3, 'Knicks', 3, 1),
        (4, '76ers', 4, 1),
        (5, 'Raptors', 5, 2),
        (6, 'Bulls', 6, 2),
        (7, 'Cavaliers', 7, 2),
        (8, 'Pistons', 8, 2),
        (9, 'Pacers', 9, 2),
        (10, 'Bucks', 10, 2),
        (11, 'Hawks', 11, 3),
        (12, 'Bobcats', 12, 3),
        (13, 'Heat', 13, 3),
        (14, 'Magic', 14, 3),
        (15, 'Wizards', 15, 3),
        (16, 'Warriors', 16, 4),
        (17, 'Clippers', 17, 4),
        (18, 'Lakers', 17, 4),
        (19, 'Suns', 18, 4),
        (20, 'Kings', 19, 4),
        (21, 'Mavericks', 20, 5),
        (22, 'Rockets', 21, 5),
        (23, 'Grizzlies', 22, 5),
        (24, 'Hornets', 23, 5),
        (25, 'Spurs', 24, 5),
        (26, 'Nuggets', 25, 6),
        (27, 'Timberwolves', 26, 6),
        (28, 'Thunder', 27, 6),
        (29, 'Trail Blazers', 28, 6),
        (30, 'Jazz', 29, 6)
        (31, 'Free Agents', 0, 0)
        (32, 'Retired', 0, 0);
/*###########################End of Players DDL###########################*/
```

```
/*###########################Start of Location DDL###########################*/
INTO Location VALUES
        (0, 'None', 'None', 'None'),
        (1, 'Boston', 'Massachusetts', 'TD Ameritrade Boston Garden'),
    (2, 'Newark', 'New Jersey', 'Prudential Center'),
        (3, 'New York City', 'New York', 'Madison Square Garden'),
        (4, 'Philadelphia', 'Pennsylvania', 'Wells Fargo Center'),
        (5, 'Toronto', 'Ontario Canada', 'Air Canada Centre'),
        (6, 'Chicago', 'Illinois', 'United Center'),
        (7, 'Cleveland', 'Ohio', 'Quicken Loans Arena'),
        (8, 'Detroit', 'Michigan', 'The Palace of Auburn Hills'),
        (9, 'Indianapolis', 'Indiana', 'Conseco Fieldhouse'),
        (10, 'Milwaukee', 'Wisconsin', 'Bradley Center'),
        (11, 'Atlanta', 'Georgia', 'Philips Arena'),
        (12, 'Charlotte', 'North Carolina', 'Time Warner Cable Arena'),
        (13, 'Miami', 'Florida', 'American Airlines Arena'),
        (14, 'Orlando', 'Florida', 'Airway Center'),
        (15, 'Washington D.C.', 'District of Columbia', 'Verizon Center'),
        (16, 'Oakland', 'California', 'Oracle Arena'),
        (17, 'Los Angeles', 'California', 'Staples Center'),
        (18, 'Phoenix', 'Arizona', 'US Airways Center'),
        (19, 'Sacramento', 'California', 'Arco Arena'),
        (20, 'Dallas', 'Texas', 'American Airlines Center'),
        (21, 'Houston', 'Texas', 'Toyota Center'),
        (22, 'Memphis', 'Tennessee', 'FedExForum'),
        (23, 'New Orleans', 'Louisiana', 'New Orleans Arena'),
        (24, 'San Antonio', 'Texas', 'AT&T Center'),
        (25, 'Denver', 'Colorado', 'Pepsi Center'),
        (26, 'Minneapolis', 'Minnesota', 'Target Center'),
        (27, 'Oklahoma City', 'Oklahoma', 'Ford Center'),
        (28, 'Portland', 'Oregon', 'Rose Garden'),
        (29, 'Salt Lake City', 'Utah', 'Energy Solutions Arena');
/*###########################End of Location DDL###########################*/
```