

create.sql

```
create database project4347;
use project4347;
show tables;

create table team(
teamName varchar(255),
constraint PK_teamName primary key (teamName)
);

create table manager(
tName varchar(255) not null,
fName varchar(255),
lName varchar(255),
birthday date,
constraint PK_manager primary key (tName,fName,lName),
constraint FK_managerTname foreign key (tName) references team(teamName)
on delete cascade on update cascade
);

create table player(
playerID int not null,
fName varchar(255),
lName varchar(255),
birthday date,
position varchar(20),
tName varchar(20),
constraint PK_player primary key (playerID),
constraint FK_player foreign key (tName) references team(teamName)
on delete cascade on update cascade
);

create table match_(
matchNum int not null,
matchTime time,
homeScore int,
awayScore int,
location varchar(255),
constraint PK_match primary key (matchNum)
);
```

```
create table participatedIn(  
playerID int not null,  
matchNum int not null,  
blocks int,  
assists int,  
minutesPlayed int,  
pointScored int,  
passesMade int,  
constraint PK_partecipatedIn primary key (playerID,matchNum),  
constraint FK_partecipatedIn_id foreign key (playerID) references player(playerID),  
constraint FK_partecipatedIn_matchNum foreign key (matchNum) references  
match_(matchNum)  
on delete cascade on update cascade  
);
```

```
create table playedIn(  
Mnum int not null,  
homeTeam varchar(255) not null,  
awayTeam varchar(255) not null,  
constraint PK_playedIn primary key (Mnum,homeTeam,awayTeam),  
constraint FK_playedIn_matchNum foreign key (Mnum) references match_(matchNum)  
on delete cascade on update cascade,  
constraint FK_playedIn_home foreign key (homeTeam) references team(teamName)  
on delete cascade on update cascade,  
constraint FK_playedIn_away foreign key (homeTeam) references team(teamName)  
on delete cascade on update cascade  
);
```

load.sql

```
-- Load data for team table
LOAD DATA LOCAL INFILE 'team.csv' INTO TABLE team
FIELDS TERMINATED BY '\,'
LINES TERMINATED BY '\n'
(teamName);

-- Load data for manager table
LOAD DATA LOCAL INFILE 'manager.csv' INTO TABLE manager
FIELDS TERMINATED BY '\,'
LINES TERMINATED BY '\n'
(tName, fName, lName, birthday);

-- Load data for player table
LOAD DATA LOCAL INFILE 'player.csv' INTO TABLE player
FIELDS TERMINATED BY '\,'
LINES TERMINATED BY '\n'
(playerID, fName, lName, birthday, position, tName);

-- Load data for match_ table
LOAD DATA LOCAL INFILE 'match.csv' INTO TABLE match_
FIELDS TERMINATED BY '\,'
LINES TERMINATED BY '\n'
(matchNum, matchTime, homeScore, awayScore, location);

-- Load data for participatedIn table
LOAD DATA LOCAL INFILE 'partecipatedIn.csv' INTO TABLE participatedIn
FIELDS TERMINATED BY '\,'
LINES TERMINATED BY '\n'
(playerID, matchNum, blocks, assists, minutesPlayed, pointScored, passesMade);

-- Load data for playedIn table
LOAD DATA LOCAL INFILE 'playedIn.csv' INTO TABLE playedIn
FIELDS TERMINATED BY '\,'
LINES TERMINATED BY '\n'
(Mnum, homeTeam, awayTeam);
```

manager.csv

tName,fName,lName,birthday
ATL,Adam,Smith,1981-04-13
BOS,Benjamin,Johnson,1962-03-16
BKN,Charles,Williams,1951-07-10
CHA,Ethan,Jones,1982-09-20
CHI,David,Brown,1980-01-21
CLE,Frederick,Miller,1971-04-09
DAL,Gregory,Garcia,1990-02-22
DEN,Henry,Rodriguez,1963-07-19
DET,Isaac,Martinez,1958-04-11
GSW,Joseph,Hernandez,1972-10-16
HOU,Kyle,Lee,1971-04-25
IND,Lucas,Walker,1981-08-05
LAC,Matthew,Perez,1978-08-07
LAL,Nathan,Hall,1967-10-06
MEM,Owen,Young,1962-06-17
MIA,Patrick,Allen,1989-05-09
MIL,Quentin,Sanchez,1977-01-22
MIN,Ryan,Wright,1955-05-15
NOP,Samuel,King,1953-02-23
NYK,Tyler,Scott,1954-07-27
OKC,Uriel,Green,1965-05-25
ORL,Victor,Baker,1986-09-02
PHI,William,Adams,1978-01-07
PHX,Xavier,Nelson,1962-04-13
POR,Yosef,Hill,1961-10-24
SAC,Zachary,Turner,1971-12-14
SAS,Alejandro,Phillips,1966-06-17
TOR,Bruno,Campbell,1981-06-21
UTA,Derek,Evans,1955-01-05
WAS,Elliott,White,1980-05-20

match.csv

matchNum,matchTime,homeScore,awayScore,location

1,22:43:21,100,118,Charlotte
2,22:43:21,91,115,San Antonio
3,19:43:21,133,91,Minneapolis
4,22:43:21,134,92,San Antonio
5,22:43:21,135,148,Brooklyn
6,20:43:21,132,103,New York
7,19:43:21,117,123,Minneapolis
8,20:43:21,112,107,Los Angeles
9,21:43:21,111,88,Orlando
10,21:43:21,96,138,Brooklyn
11,21:43:21,122,150,Boston
12,20:43:21,97,86,Miami
13,19:43:21,117,110,Memphis
14,22:43:21,132,143,Miami
15,19:43:21,129,129,Miami
16,21:43:21,136,138,Salt Lake City
17,22:43:21,85,87,Cleveland
18,21:43:21,144,116,Atlanta
19,19:43:21,118,142,Denver
20,19:43:21,114,122,Boston
21,21:43:21,113,102,Portland
22,22:43:21,101,143,Minneapolis
23,18:43:21,83,141,San Antonio
24,21:43:21,114,116,Miami
25,19:43:21,144,117,Cleveland
26,19:43:21,111,108,Phoenix
27,20:43:21,115,129,Orlando
28,19:43:21,124,80,Cleveland
29,18:43:21,133,133,Milwaukee
30,18:43:21,114,92,Philadelphia
31,18:43:21,85,150,Dallas
32,19:43:21,131,139,San Francisco
33,22:43:21,125,121,Sacramento
34,21:43:21,96,92,Minneapolis
35,22:43:21,105,81,Washington
36,19:43:21,81,140,Los Angeles
37,20:43:21,110,131,Dallas
38,20:43:21,98,103,Boston

39,21:43:21,91,149,Detroit
40,18:43:21,80,81,Cleveland
41,22:43:21,114,81,Sacramento
42,21:43:21,96,126,Atlanta
43,20:43:21,131,92,Sacramento
44,20:43:21,102,97,Oklahoma City
45,20:43:21,141,127,Salt Lake City
46,21:43:21,103,141,Indianapolis
47,20:43:21,121,89,Toronto
48,19:43:21,109,83,Los Angeles
49,19:43:21,107,100,Philadelphia
50,18:43:21,120,119,Orlando
51,20:43:21,146,110,Milwaukee
52,19:43:21,83,86,Charlotte
53,20:43:21,135,98,New Orleans
54,19:43:21,81,109,Phoenix
55,22:43:21,126,88,Brooklyn
56,20:43:21,142,103,Portland
57,19:43:21,113,145,New Orleans
58,20:43:21,117,146,Salt Lake City
59,20:43:21,133,80,Orlando
60,19:43:21,117,127,Los Angeles
61,21:43:21,95,80,Orlando
62,22:43:21,92,89,Boston
63,18:43:21,111,114,Salt Lake City
64,22:43:21,108,103,Los Angeles
65,21:43:21,128,134,Denver
66,19:43:21,80,101,New York
67,21:43:21,139,134,Oklahoma City
68,18:43:21,126,90,Salt Lake City
69,18:43:21,80,108,New Orleans
70,18:43:21,135,108,San Francisco
71,20:43:21,103,111,Washington
72,18:43:21,149,101,Sacramento
73,18:43:21,126,91,Dallas
74,22:43:21,91,138,Cleveland
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76,20:43:21,149,97,Atlanta
77,18:43:21,104,150,Miami
78,21:43:21,124,109,Los Angeles

79,18:43:21,128,95,Miami
80,21:43:21,130,83,Los Angeles
81,18:43:21,107,109,Washington
82,19:43:21,137,101,Oklahoma City
83,21:43:21,101,81,Chicago
84,22:43:21,90,83,Milwaukee
85,18:43:21,122,121,Dallas
86,21:43:21,93,123,Chicago
87,21:43:21,91,110,New Orleans
88,19:43:21,93,94,Chicago
89,22:43:21,148,141,New York
90,19:43:21,145,146,Houston
91,22:43:21,90,107,Boston
92,21:43:21,125,112,Denver
93,22:43:21,123,88,Miami
94,18:43:21,132,131,Milwaukee
95,18:43:21,121,89,Dallas
96,20:43:21,110,109,Cleveland
97,19:43:21,130,113,Boston
98,19:43:21,86,137,Indianapolis
99,19:43:21,132,136,Atlanta
100,21:43:21,91,97,Charlotte
101,19:43:21,141,112,San Antonio
102,22:43:21,96,139,Philadelphia
103,19:43:21,99,112,Los Angeles
104,18:43:21,131,118,Brooklyn
105,18:43:21,108,141,Washington
106,19:43:21,82,131,Phoenix
107,20:43:21,123,103,Cleveland
108,22:43:21,103,106,Detroit
109,20:43:21,109,135,Dallas
110,19:43:21,105,88,Sacramento
111,22:43:21,101,83,Cleveland
112,19:43:21,86,136,New York
113,22:43:21,110,82,Boston
114,20:43:21,99,144,New Orleans
115,18:43:21,105,108,Toronto
116,22:43:21,121,148,Portland
117,18:43:21,115,95,Brooklyn
118,19:43:21,90,138,Los Angeles

119,18:43:21,94,141,Denver
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122,22:43:21,132,120,Washington
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124,20:43:21,92,108,Washington
125,18:43:21,94,106,Dallas
126,22:43:21,123,123,Indianapolis
127,21:43:21,143,139,Memphis
128,18:43:21,86,139,New Orleans
129,18:43:21,110,113,New Orleans
130,18:43:21,139,112,Atlanta
131,21:43:21,109,131,Los Angeles
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133,20:43:21,108,111,Atlanta
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148,20:43:21,82,94,San Antonio
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225,20:43:21,121,146,Salt Lake City
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227,19:43:21,131,103,Oklahoma City
228,19:43:21,123,130,Indianapolis
229,20:43:21,113,127,Denver
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232,21:43:21,136,105,Dallas
233,20:43:21,145,106,Charlotte
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235,20:43:21,91,116,Oklahoma City
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237,22:43:21,113,128,Minneapolis
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241,21:43:21,103,128,Milwaukee
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248,20:43:21,108,109,Brooklyn
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262,20:43:21,118,124,Denver
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266,21:43:21,81,137,Memphis
267,18:43:21,106,150,Milwaukee
268,22:43:21,82,101,Houston
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272,19:43:21,147,91,Portland
273,21:43:21,107,94,Sacramento
274,19:43:21,93,132,Washington
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276,20:43:21,141,94,Houston
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278,22:43:21,122,114,Indianapolis

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281,18:43:21,81,122,San Francisco
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283,21:43:21,114,114,Detroit
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302,19:43:21,117,99,Memphis
303,20:43:21,132,120,Minneapolis
304,19:43:21,148,85,Houston
305,22:43:21,82,142,Boston
306,22:43:21,106,110,Miami
307,22:43:21,123,146,Phoenix
308,19:43:21,104,127,Orlando
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314,22:43:21,84,83,Minneapolis
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316,18:43:21,99,150,Philadelphia
317,19:43:21,133,106,Toronto
318,18:43:21,91,85,San Antonio

319,19:43:21,124,107,Orlando
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334,20:43:21,98,83,Detroit
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365,21:43:21,114,133,Charlotte
366,19:43:21,85,122,Philadelphia
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375,21:43:21,130,136,Sacramento
376,18:43:21,99,81,New York
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385,18:43:21,96,102,San Antonio
386,20:43:21,143,139,Orlando
387,20:43:21,103,86,Dallas
388,21:43:21,91,135,Charlotte
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393,22:43:21,82,113,Chicago
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416,21:43:21,129,82,Chicago
417,22:43:21,110,149,Phoenix
418,18:43:21,104,114,Salt Lake City
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421,21:43:21,105,146,Los Angeles
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423,22:43:21,140,118,Cleveland
424,19:43:21,114,129,Memphis
425,21:43:21,100,128,Phoenix
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428,18:43:21,125,141,Minneapolis
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432,19:43:21,126,117,San Francisco
433,18:43:21,105,127,Toronto
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435,19:43:21,136,91,Phoenix
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446,22:43:21,96,96,Sacramento
447,21:43:21,128,129,Houston
448,22:43:21,109,137,Portland
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498,18:43:21,103,102,Boston
499,19:43:21,86,80,Houston
500,18:43:21,113,88,San Francisco

participatedIn.csv

playerID,matchNum,blocks,assists,minutesPlayed,pointsScored,passesMade

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7,101,0,0,19,9,46
8,101,0,2,19,12,37
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98,102,0,4,22,24,54
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133,105,0,1,18,14,40
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86,112,0,2,19,45,49
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63,121,0,2,21,17,42
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78,209,0,2,20,62,41
79,209,0,1,20,10,49
80,209,0,5,20,5,38
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84,210,0,1,19,8,48
85,210,0,1,19,23,48
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122,210,0,0,19,8,56
123,210,0,0,19,29,45
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6,211,0,3,18,14,51
7,211,0,3,18,22,44
8,211,0,1,18,36,35
9,211,0,0,18,25,55
10,211,0,1,18,12,44
91,211,0,3,18,35,40
92,211,0,1,18,17,54
93,211,0,0,18,16,52
94,211,0,3,18,13,58
95,211,0,0,18,38,51
146,212,0,0,22,25,50
147,212,0,1,22,3,53
148,212,0,1,22,23,49
149,212,0,5,22,13,52
150,212,0,0,22,28,53
91,212,0,2,22,29,57
92,212,0,4,22,18,46
93,212,0,1,22,37,56

94,212,0,2,22,3,49
95,212,0,0,22,7,49
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48,264,0,1,22,68,40
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146,264,0,3,22,69,57
147,264,0,3,22,13,52
148,264,0,4,22,16,34

149,264,0,3,22,17,51
150,264,0,2,22,33,58
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144,265,0,0,20,19,42
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57,266,1,0,21,16,34
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71,266,0,1,21,34,36
72,266,0,0,21,5,32
73,266,0,4,21,1,37
74,266,0,0,21,45,59
75,266,0,2,21,52,48
66,267,0,2,18,37,45
67,267,0,0,18,12,57
68,267,0,0,18,7,53
69,267,0,0,18,15,50
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71,267,0,3,18,6,59
72,267,0,0,18,16,31
73,267,0,1,18,18,37
74,267,0,0,18,24,49
75,267,0,5,18,86,53
36,268,0,4,22,1,59
37,268,0,3,22,18,34
38,268,0,1,22,16,52
39,268,0,0,22,10,37
40,268,0,0,22,37,41
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112,268,0,0,22,22,31
113,268,0,2,22,24,36

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115,268,0,1,22,4,53
21,269,0,4,20,40,53
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45,271,0,0,18,10,34
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106,272,0,2,19,6,42
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32,274,0,2,19,17,41
33,274,0,4,19,72,31
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129,294,0,1,21,19,49
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120,318,0,3,18,38,38
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67,318,0,1,18,61,53
68,318,0,4,18,7,54
69,318,0,1,18,10,38
70,318,0,0,18,5,32
91,319,0,4,19,17,37
92,319,0,2,19,46,33
93,319,0,3,19,1,36
94,319,0,3,19,20,56
95,319,0,2,19,40,52
76,319,0,2,19,51,54
77,319,0,0,19,8,36
78,319,0,0,19,10,53
79,319,0,0,19,22,46
80,319,0,1,19,16,36
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87,321,0,4,19,2,42
88,321,0,2,19,4,42
89,321,0,3,19,34,55
90,321,0,4,19,23,48
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17,322,0,0,18,21,42
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54,322,0,1,18,57,45
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23,323,0,0,21,1,45
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103,324,0,3,20,5,30

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112,372,0,3,21,38,39
113,372,0,4,21,53,51

114,372,0,0,21,5,52
115,372,0,1,21,23,33
1,373,0,6,19,14,56
2,373,0,3,19,22,46
3,373,0,2,19,45,40
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5,373,0,1,19,7,40
101,373,0,0,19,25,48
102,373,0,0,19,5,40
103,373,0,4,19,26,35
104,373,0,1,19,4,36
105,373,0,3,19,36,36
56,374,0,2,18,2,32
57,374,0,0,18,14,32
58,374,0,2,18,7,49
59,374,0,4,18,23,37
60,374,0,5,18,90,42
11,374,0,4,18,32,44
12,374,0,3,18,22,33
13,374,0,2,18,10,31
14,374,0,5,18,41,37
15,374,0,0,18,7,37
111,375,0,2,21,20,40
112,375,0,4,21,67,38
113,375,0,3,21,14,50
114,375,0,0,21,24,38
115,375,0,5,21,5,59
41,375,0,3,21,77,54
42,375,0,5,21,9,34
43,375,0,0,21,5,44
44,375,0,1,21,33,34
45,375,0,2,21,12,35
81,376,0,3,18,4,38
82,376,0,1,18,18,53
83,376,0,0,18,10,48
84,376,1,0,18,47,50
85,376,0,0,18,20,39
71,376,0,7,18,7,56
72,376,0,1,18,13,36
73,376,0,2,18,17,59

74,376,1,4,18,14,31
75,376,0,2,18,30,48
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142,377,0,0,19,7,50
143,377,0,5,19,72,32
144,377,0,4,19,19,58
145,377,0,0,19,17,49
16,377,0,4,19,10,43
17,377,0,1,19,8,56
18,377,0,2,19,52,51
19,377,0,3,19,1,34
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22,378,0,3,21,38,43
23,378,0,3,21,35,51
24,378,0,4,21,15,47
25,378,0,1,21,10,44
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117,378,0,2,21,51,39
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87,379,0,1,22,2,53
88,379,0,0,22,9,53
89,379,0,2,22,65,51
90,379,0,1,22,7,49
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47,380,0,0,18,6,44
48,380,0,2,18,56,56
49,380,0,1,18,1,53
50,380,0,2,18,28,35
76,380,0,4,18,47,42
77,380,0,4,18,26,56
78,380,0,2,18,46,51

79,380,0,5,18,9,44
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18,381,0,0,20,5,41
19,381,0,1,20,22,41
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127,381,0,3,20,23,38
128,381,0,3,20,16,37
129,381,0,3,20,32,43
130,381,0,1,20,22,36
101,382,0,4,20,58,40
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27,382,0,3,20,6,30
28,382,0,0,20,7,34
29,382,0,0,20,30,58
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108,383,0,1,19,53,34
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110,383,0,3,19,3,46
56,383,1,0,19,63,41
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42,384,0,1,22,10,52
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44,384,0,1,22,1,35
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31,384,0,2,22,29,40
32,384,0,0,22,21,59
33,384,0,2,22,19,45

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66,385,0,4,18,4,46
67,385,0,1,18,9,39
68,385,0,0,18,28,46
69,385,0,2,18,42,50
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91,386,0,4,20,12,36
92,386,0,2,20,64,40
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94,386,0,2,20,10,58
95,386,0,3,20,33,38
6,386,0,1,20,13,33
7,386,0,1,20,89,58
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62,387,0,4,20,24,52
63,387,0,3,20,25,30
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19,388,0,0,21,7,47
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27,388,0,2,21,6,53
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133,389,0,1,22,2,32
134,389,0,1,22,6,37
135,389,0,2,22,63,58
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147,389,0,3,22,53,55
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149,389,0,2,22,14,52
150,389,0,5,22,30,53
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88,391,0,2,21,44,46
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15,391,0,2,21,28,33
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23,393,0,3,22,20,45
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117,393,0,6,22,17,33
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132,394,0,3,18,41,43
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86,394,0,4,18,26,37
87,394,0,3,18,5,57
88,394,0,6,18,61,34
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42,395,0,3,22,9,47
43,395,0,0,22,68,33
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24,427,0,0,20,56,33
25,427,0,3,20,47,54
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97,427,0,1,20,30,57
98,427,0,2,20,29,45
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72,428,0,0,18,25,38
73,428,0,2,18,46,54
74,428,0,1,18,3,37
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81,428,0,1,18,31,30
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83,428,0,4,18,53,50

84,428,0,1,18,32,38
85,428,0,1,18,16,35
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93,429,0,3,22,17,42
94,429,0,1,22,2,35
95,429,0,3,22,6,51
16,429,0,4,22,11,47
17,429,0,0,22,72,33
18,429,0,4,22,43,44
19,429,0,2,22,5,59
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61,430,0,1,18,41,45
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64,430,0,1,18,15,53
65,430,0,0,18,36,53
26,430,0,4,18,31,52
27,430,0,2,18,4,34
28,430,0,0,18,11,56
29,430,0,0,18,23,55
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133,431,0,0,22,20,38
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26,431,0,4,22,2,50
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35,432,0,1,19,17,51
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132,481,0,4,22,13,39
133,481,0,1,22,14,45
134,481,0,0,22,15,53
135,481,1,4,22,28,47
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112,482,0,2,21,17,36
113,482,0,3,21,14,56
114,482,0,1,21,40,57
115,482,0,3,21,3,41
136,482,0,0,21,8,37
137,482,0,2,21,28,51
138,482,0,2,21,29,56
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82,483,0,1,21,51,58
83,483,0,1,21,56,44
84,483,0,2,21,16,57
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13,483,0,2,21,10,53
14,483,0,0,21,28,52
15,483,0,1,21,23,36
46,484,0,0,18,65,47
47,484,0,3,18,28,45
48,484,0,0,18,6,30
49,484,0,4,18,27,56
50,484,0,0,18,7,57
41,484,0,0,18,33,56
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43,484,0,0,18,19,50

44,484,0,2,18,9,32
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19,485,0,3,19,86,31
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107,486,0,2,18,7,31
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87,487,0,1,22,43,33
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103,488,0,0,21,32,44

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122,489,0,4,21,27,39
123,489,0,1,21,24,36
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125,489,0,3,21,7,37
116,489,0,2,21,12,37
117,489,0,0,21,61,57
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120,489,0,3,21,29,51
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43,491,0,2,19,21,45
44,491,0,0,19,14,55
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31,491,0,5,19,65,35
32,491,0,1,19,7,41
33,491,0,3,19,37,39
34,491,0,2,19,1,44
35,491,0,0,19,34,38
136,492,0,3,19,36,54
137,492,0,2,19,1,44
138,492,1,2,19,40,41
139,492,0,3,19,14,45
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26,492,0,1,19,11,31
27,492,1,2,19,3,54
28,492,0,4,19,27,35

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133,494,0,6,21,13,54
134,494,0,0,21,10,48
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13,494,0,3,21,32,31
14,494,0,1,21,3,33
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46,495,0,3,20,41,54
47,495,0,4,20,3,45
48,495,0,3,20,14,59
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50,495,0,3,20,7,44
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112,495,0,0,20,40,35
113,495,0,1,20,19,30
114,495,0,2,20,13,35
115,495,0,2,20,55,45
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97,496,0,1,21,6,36
98,496,0,1,21,15,52
99,496,0,0,21,28,49
100,496,0,1,21,51,53
126,496,0,5,21,54,38
127,496,0,2,21,21,46
128,496,0,0,21,3,50

129,496,0,4,21,35,34
130,496,0,0,21,1,33
31,497,0,0,22,31,40
32,497,0,0,22,47,39
33,497,0,1,22,25,30
34,497,0,1,22,6,36
35,497,0,3,22,20,58
111,497,0,0,22,32,35
112,497,0,3,22,12,46
113,497,0,3,22,4,36
114,497,0,2,22,45,50
115,497,0,0,22,10,39
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8,498,0,0,18,24,38
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136,498,0,4,18,56,57
137,498,0,1,18,2,54
138,498,0,3,18,6,47
139,498,0,3,18,35,49
140,498,0,0,18,3,43
36,499,0,1,19,1,58
37,499,0,1,19,12,50
38,499,0,5,19,47,56
39,499,0,4,19,3,46
40,499,0,4,19,23,44
26,499,0,0,19,12,35
27,499,0,3,19,32,36
28,499,0,2,19,18,46
29,499,0,0,19,11,43
30,499,0,2,19,7,53
31,500,0,0,18,22,33
32,500,0,0,18,5,49
33,500,0,2,18,37,54
34,500,0,5,18,48,38
35,500,0,2,18,1,34
96,500,1,5,18,1,34
97,500,0,2,18,14,34
98,500,0,0,18,33,35

99,500,0,0,18,3,51
100,500,0,0,18,37,44

playedIn.csv

Mnum,homeTeam,awayTeam

1,CHA,BOS
2,SAS,MIN
3,MIN,NYK
4,SAS,LAC
5,BKN,NYK
6,NYK,DEN
7,MIN,ORL
8,LAL,MIL
9,ORL,MIN
10,BKN,LAC
11,BOS,TOR
12,MIA,POR
13,MEM,LAL
14,MIA,PHI
15,MIA,NYK
16,UTA,ATL
17,CLE,LAC
18,ATL,GSW
19,DEN,GSW
20,BOS,ATL
21,POR,BOS
22,MIN,DEN
23,SAS,DET
24,MIA,CLE
25,CLE,BKN
26,PHX,IND
27,ORL,BOS
28,CLE,MIL
29,MIL,GSW
30,PHI,NOP
31,DAL,MIN
32,GSW,NOP
33,SAC,DAL
34,MIN,CHA
35,WAS,SAS
36,LAL,SAC
37,DAL,CLE
38,BOS,CHI

39,DET,CHA
40,CLE,DEN
41,SAC,CLE
42,ATL,GSW
43,SAC,CHI
44,OKC,NYK
45,UTA,WAS
46,IND,CLE
47,TOR,ORL
48,LAC,POR
49,PHI,TOR
50,ORL,LAC
51,MIL,NYK
52,CHA,CLE
53,NOP,SAS
54,PHX,CLE
55,BKN,MEM
56,POR,DEN
57,NOP,SAC
58,UTA,MIL
59,ORL,DEN
60,LAC,NYK
61,ORL,DET
62,BOS,PHI
63,UTA,PHI
64,LAC,DEN
65,DEN,HOU
66,NYK,BKN
67,OKC,UTA
68,UTA,CLE
69,NOP,MIL
70,GSW,SAS
71,WAS,GSW
72,SAC,DEN
73,DAL,DEN
74,CLE,IND
75,CHA,PHX
76,ATL,NOP
77,MIA,SAC
78,LAL,PHI

79,MIA,SAC
80,LAL,SAS
81,WAS,HOU
82,OKC,PHI
83,CHI,TOR
84,MIL,PHX
85,DAL,PHI
86,CHI,SAC
87,NOP,BOS
88,CHI,DAL
89,NYK,POR
90,HOU,ORL
91,BOS,CHI
92,DEN,NYK
93,MIA,SAS
94,MIL,LAC
95,DAL,CHA
96,CLE,MIA
97,BOS,ORL
98,IND,OKC
99,ATL,ORL
100,CHA,MEM
101,SAS,BOS
102,PHI,IND
103,LAL,MEM
104,BKN,DAL
105,WAS,HOU
106,PHX,HOU
107,CLE,UTA
108,DET,DEN
109,DAL,SAS
110,SAC,SAS
111,CLE,DEN
112,NYK,OKC
113,BOS,BKN
114,NOP,HOU
115,TOR,IND
116,POR,DET
117,BKN,SAC
118,LAC,SAS

119,DEN,LAC
120,SAS,LAC
121,MIA,DEN
122,WAS,DEN
123,CHA,MIA
124,WAS,MIN
125,DAL,ORL
126,IND,MIN
127,MEM,TOR
128,NOP,PHX
129,NOP,PHI
130,ATL,CHI
131,LAC,POR
132,HOU,MEM
133,ATL,NYK
134,CHA,BKN
135,GSW,DAL
136,MIL,ATL
137,LAL,TOR
138,MIN,MEM
139,CLE,DET
140,PHX,MEM
141,DEN,MIL
142,BKN,MIL
143,SAS,SAC
144,NYK,MIL
145,POR,DET
146,DET,CHI
147,SAS,BKN
148,SAS,WAS
149,DET,OKC
150,NYK,TOR
151,LAC,POR
152,CHI,NYK
153,LAC,CLE
154,MEM,BKN
155,MEM,HOU
156,CHI,PHX
157,TOR,SAC
158,UTA,PHX

159,ATL,MIL
160,CLE,DET
161,CLE,PHI
162,MIA,MIN
163,LAC,MIN
164,BKN,UTA
165,LAC,BOS
166,DEN,NOP
167,ATL,DEN
168,DEN,IND
169,POR,BKN
170,POR,ATL
171,CHI,CLE
172,CHA,LAL
173,PHX,SAS
174,MIN,DET
175,GSW,PHI
176,BKN,WAS
177,ORL,CHI
178,PHI,MIN
179,HOU,TOR
180,CHI,GSW
181,SAS,ORL
182,DAL,CHI
183,MIN,DEN
184,PHI,LAC
185,MIL,LAL
186,CHI,MIN
187,PHX,MEM
188,PHI,BKN
189,GSW,CHI
190,PHX,MIL
191,POR,PHX
192,POR,BOS
193,GSW,TOR
194,MIA,ATL
195,DAL,IND
196,BKN,UTA
197,DET,PHX
198,CHI,TOR

199,PHX,UTA
200,WAS,NYK
201,GSW,MIA
202,UTA,CHI
203,ORL,CHI
204,SAC,TOR
205,NOP,IND
206,NOP,NYK
207,MIA,ORL
208,DAL,DET
209,NYK,NOP
210,NYK,TOR
211,BOS,ORL
212,DEN,ORL
213,UTA,CLE
214,DEN,WAS
215,DEN,DAL
216,MIA,DEN
217,NYK,GSW
218,MIN,OKC
219,HOU,IND
220,MIL,CHI
221,ATL,DEN
222,LAL,GSW
223,BOS,HOU
224,HOU,BOS
225,UTA,CHA
226,NYK,DET
227,OKC,BKN
228,IND,TOR
229,DEN,IND
230,DET,ORL
231,IND,TOR
232,DAL,SAC
233,CHA,MIN
234,ORL,ATL
235,OKC,LAL
236,OKC,MEM
237,MIN,PHX
238,IND,ORL

239,BKN,NOP
240,BOS,PHI
241,MIL,CLE
242,UTA,NOP
243,MEM,ATL
244,OKC,NYK
245,MIN,MIA
246,ATL,CHI
247,IND,MIA
248,BKN,NOP
249,NYK,MIL
250,DET,CHA
251,DET,HOU
252,MEM,POR
253,MEM,TOR
254,PHX,ATL
255,POR,PHI
256,CHA,ORL
257,DEN,SAC
258,NYK,LAL
259,SAC,MIN
260,DET,MIL
261,NYK,LAL
262,DEN,MIA
263,ORL,CLE
264,LAC,DEN
265,DAL,SAS
266,MEM,MIN
267,MIL,MIN
268,HOU,SAC
269,CHI,PHX
270,TOR,HOU
271,IND,WAS
272,POR,SAS
273,SAC,UTA
274,WAS,GSW
275,WAS,DEN
276,HOU,GSW
277,LAC,BKN
278,IND,LAL

279,DET,MIL
280,TOR,BKN
281,GSW,BKN
282,OKC,BOS
283,DET,NOP
284,SAC,DET
285,GSW,MIA
286,PHI,DEN
287,TOR,LAL
288,DET,DAL
289,HOU,WAS
290,MIL,IND
291,POR,CHA
292,ATL,HOU
293,WAS,IND
294,IND,UTA
295,UTA,CLE
296,NOP,DAL
297,MIN,LAL
298,NOP,MIL
299,CHI,HOU
300,OKC,DEN
301,CLE,OKC
302,MEM,CHA
303,MIN,MIL
304,HOU,ATL
305,BOS,MEM
306,MIA,POR
307,PHX,HOU
308,ORL,BKN
309,ATL,GSW
310,PHX,MIN
311,NOP,TOR
312,CHA,BKN
313,UTA,HOU
314,MIN,DEN
315,CLE,LAL
316,PHI,NYK
317,TOR,ORL
318,SAS,MIL

319,ORL,NOP
320,DAL,POR
321,CLE,OKC
322,CHA,LAL
323,TOR,CHI
324,NOP,PHX
325,MIA,SAC
326,SAC,PHI
327,NOP,SAC
328,POR,NOP
329,DET,NYK
330,DAL,ATL
331,PHX,ORL
332,WAS,DEN
333,HOU,SAC
334,DET,PHX
335,MEM,OKC
336,MIN,NYK
337,SAS,GSW
338,DET,DAL
339,ATL,OKC
340,WAS,UTA
341,ORL,WAS
342,IND,NOP
343,NOP,CLE
344,BKN,SAS
345,NOP,SAS
346,MIL,POR
347,BKN,BOS
348,PHI,DAL
349,ATL,PHX
350,ATL,BKN
351,MIA,CLE
352,CHI,BKN
353,WAS,NOP
354,PHI,MIN
355,ATL,CHI
356,ATL,BKN
357,LAC,POR
358,SAS,LAC

359,PHX,LAL
360,MEM,LAC
361,SAS,LAL
362,PHX,MIN
363,OKC,DET
364,ORL,WAS
365,CHA,POR
366,PHI,BOS
367,CHI,DET
368,SAC,IND
369,CLE,WAS
370,MIL,IND
371,ATL,SAC
372,LAL,SAC
373,ATL,PHX
374,MEM,BKN
375,SAC,IND
376,NYK,MIN
377,DAL,CHA
378,CHI,SAS
379,OKC,CHA
380,LAC,NOP
381,CHA,UTA
382,PHX,DET
383,POR,MEM
384,IND,GSW
385,SAS,MIL
386,ORL,BOS
387,DAL,MIA
388,CHA,DET
389,WAS,DEN
390,MIL,UTA
391,OKC,BKN
392,BKN,WAS
393,CHI,SAS
394,WAS,OKC
395,ATL,IND
396,CHI,SAC
397,CHI,MIN
398,DEN,LAL

399,SAS,SAC
400,DAL,PHI
401,DET,LAL
402,ATL,WAS
403,ATL,LAC
404,BKN,LAC
405,MIL,BKN
406,PHI,MIL
407,NOP,PHI
408,BOS,CLE
409,DAL,DEN
410,MIN,MIL
411,ATL,MIA
412,SAC,OKC
413,DET,LAC
414,GSW,CHA
415,ATL,SAC
416,CHI,SAS
417,PHX,NOP
418,UTA,OKC
419,ORL,DEN
420,DET,DAL
421,LAC,PHX
422,NOP,CHI
423,CLE,SAS
424,MEM,DAL
425,PHX,MIN
426,NOP,WAS
427,CHI,PHI
428,MIN,NYK
429,ORL,CHA
430,MIA,DET
431,WAS,DET
432,GSW,DAL
433,TOR,WAS
434,POR,NOP
435,PHX,ORL
436,DET,GSW
437,CHA,IND
438,BKN,SAS

439,NOP,CHA
440,BOS,IND
441,DAL,CHA
442,PHX,BOS
443,POR,MIN
444,NOP,SAS
445,PHX,IND
446,SAC,MIA
447,HOU,MIL
448,POR,SAS
449,BOS,CHI
450,IND,MIA
451,GSW,SAC
452,CHI,MEM
453,BKN,PHI
454,DET,GSW
455,MEM,NOP
456,MIN,DAL
457,DAL,ORL
458,MIN,TOR
459,PHI,SAS
460,BOS,DAL
461,DET,NYK
462,WAS,CLE
463,NYK,PHX
464,CLE,DEN
465,POR,SAC
466,LAC,LAL
467,IND,MIL
468,CHI,MIL
469,IND,CLE
470,MIA,BOS
471,POR,BKN
472,CHI,LAL
473,POR,MEM
474,OKC,UTA
475,GSW,NOP
476,IND,DEN
477,HOU,MIN
478,SAC,OKC

479,ATL,HOU
480,MEM,LAC
481,PHI,WAS
482,SAC,CLE
483,NYK,BKN
484,LAC,IND
485,SAS,CHA
486,POR,PHI
487,OKC,BOS
488,CHI,PHX
489,TOR,SAS
490,CHA,BOS
491,IND,GSW
492,CLE,DET
493,SAC,LAC
494,WAS,BKN
495,LAC,SAC
496,PHI,UTA
497,GSW,SAC
498,BOS,CLE
499,HOU,DET
500,GSW,PHI

player.csv

playerID,fName,lName,birthday,position,tName

1,Victor,Leonard,1993-02-20,PG,ATL
2,Erick,Harrington,2003-07-06,SG,ATL
3,Melvin,Reed,1997-09-24,SF,ATL
4,Dennis,Griffith,1993-06-07,PF,ATL
5,Tony,Klein,2004-11-16,C,ATL
6,Harold,Ryan,2004-01-20,PG,BOS
7,Jerry,Owens,1999-12-03,SG,BOS
8,Jason,Marsh,2004-11-05,SF,BOS
9,Carlton,Dawson,1995-03-29,PF,BOS
10,Matt,Fletcher,1999-09-05,C,BOS
11,Ralph,Robertson,1998-08-20,PG,BKN
12,Mack,Silva,1998-06-10,SG,BKN
13,Reginald,Castro,2001-07-07,SF,BKN
14,Mike,Gutierrez,1999-04-14,PF,BKN
15,Julius,Kim,1995-07-21,C,BKN
16,Clark,Romero,1995-03-04,PG,CHA
17,Simon,Webb,2003-02-03,SG,CHA
18,Blake,Green,1999-05-31,SF,CHA
19,Emilio,Robinson,2002-10-13,PF,CHA
20,Rex,Fields,1994-07-26,C,CHA
21,Dustin,Adams,1996-06-29,PG,CHI
22,Jimmy,Harris,1996-12-23,SG,CHI
23,Ronald,Walsh,1998-08-24,SF,CHI
24,Christopher,Allison,2002-06-12,PF,CHI
25,Cary,Bryan,2000-11-08,C,CHI
26,Israel,Sandoval,1997-06-21,PG,DET
27,Gerardo,Thornton,2001-02-15,SG,DET
28,Jon,Cox,2003-04-01,SF,DET
29,Brad,Huff,1994-10-22,PF,DET
30,Vincent,Guzman,1997-02-15,C,DET
31,Russell,Martin,2002-06-30,PG,GSW
32,Clarence,Brock,2000-06-22,SG,GSW
33,Ignacio,Briggs,1996-01-13,SF,GSW
34,Josh,Peters,1997-12-11,PF,GSW
35,Earnest,Stewart,2004-10-30,C,GSW
36,Marco,Taylor,1993-01-25,PG,HOU
37,Abel,Perry,2004-10-26,SG,HOU
38,Jessie,Holloway,1997-07-12,SF,HOU

39,Marcos,Logan,1996-11-22,PF,HOU
40,Dallas,Conner,1998-05-28,C,HOU
41,Gilberto,Mack,1994-03-30,PG,IND
42,Clayton,Lamb,2003-07-29,SG,IND
43,Stewart,Porter,1999-01-10,SF,IND
44,Rickey,Santos,2002-03-21,PF,IND
45,Ben,Poole,1994-06-02,C,IND
46,Eddie,Ramsey,2003-02-23,PG,LAC
47,Warren,Howell,1997-12-19,SG,LAC
48,Juan,Robbins,2001-04-10,SF,LAC
49,Roberto,Norris,1996-02-09,PF,LAC
50,Phil,Smith,1994-03-13,C,LAC
51,Shannon,Wright,1995-04-28,PG,LAL
52,Jose,Dean,1999-12-18,SG,LAL
53,Pete,Morrison,1994-06-28,SF,LAL
54,Ira,Hansen,2003-06-12,PF,LAL
55,Mark,Obrien,2000-12-29,C,LAL
56,Gene,Brooks,2003-08-07,PG,MEM
57,Frank,Carson,1999-08-25,SG,MEM
58,Corey,Alvarado,2004-05-23,SF,MEM
59,Oscar,Mcguire,1994-05-07,PF,MEM
60,Brandon,Day,2000-12-11,C,MEM
61,Danny,Jones,1997-04-17,PG,MIA
62,Tyler,Roberson,2002-10-27,SG,MIA
63,Otis,Stanley,1999-01-08,SF,MIA
64,Sherman,Hayes,1997-10-24,PF,MIA
65,Roman,Baker,1997-03-08,C,MIA
66,Matthew,Beck,2001-04-03,PG,MIL
67,Darrell,Mitchell,2004-02-25,SG,MIL
68,William,Miller,1993-06-10,SF,MIL
69,Rene,Floyd,1997-03-19,PF,MIL
70,Preston,Fisher,1993-08-30,C,MIL
71,Brian,Rowe,2001-07-23,PG,MIN
72,Adam,Baldwin,1994-06-08,SG,MIN
73,Craig,May,2002-06-30,SF,MIN
74,Terrence,Rose,2000-07-30,PF,MIN
75,Trevor,Goodman,1999-03-19,C,MIN
76,Salvatore,Matthews,1999-11-20,PG,NOP
77,Wilson,Gardner,2003-12-30,SG,NOP
78,Douglas,Pittman,1998-10-25,SF,NOP

79, Adrian, Moore, 1999-01-18, PF, NOP
80, Virgil, Elliott, 2000-10-01, C, NOP
81, Bruce, Flowers, 2002-03-31, PG, NYK
82, Travis, Perkins, 1994-11-22, SG, NYK
83, Lionel, Hall, 1995-05-24, SF, NYK
84, Jay, Palmer, 1993-03-22, PF, NYK
85, Pat, Stone, 2003-02-12, C, NYK
86, Jake, Benson, 1994-07-17, PG, OKC
87, Ray, Ruiz, 2002-12-25, SG, OKC
88, Jared, Barrett, 1998-10-27, SF, OKC
89, Rodolfo, Kennedy, 2001-12-18, PF, OKC
90, Andy, Price, 1995-03-22, C, OKC
91, Sidney, Curtis, 1996-08-10, PG, ORL
92, Sean, Terry, 1997-05-14, SG, ORL
93, Gregg, Reid, 1995-06-04, SF, ORL
94, Clint, Wise, 1996-09-01, PF, ORL
95, Julio, Thompson, 1996-09-29, C, ORL
96, Ken, Wheeler, 1995-01-10, PG, PHI
97, Albert, Clayton, 2003-02-19, SG, PHI
98, Raul, Patton, 1993-05-28, SF, PHI
99, Donnie, Howard, 2003-07-02, PF, PHI
100, Jody, Peterson, 1994-11-07, C, PHI
101, Ulysses, Madison, 2001-08-12, PG, PHX
102, Damion, Pruett, 1998-08-28, SG, PHX
103, Wally, Mauro, 2003-01-09, SF, PHX
104, Eli, Tom, 2000-11-11, PF, PHX
105, Mikel, Fenner, 2000-02-16, C, PHX
106, Russ, Phan, 1998-03-23, PG, POR
107, Colby, Prather, 2003-08-21, SG, POR
108, Antone, Key, 2000-11-23, SF, POR
109, Horacio, Archuleta, 1996-06-10, PF, POR
110, Aldo, Boston, 2002-03-12, C, POR
111, Tyson, Silverman, 1996-07-15, PG, SAC
112, Sammie, Wesley, 1999-01-06, SG, SAC
113, Willy, Spann, 2004-02-18, SF, SAC
114, Brenton, Beckett, 1999-06-29, PF, SAC
115, Bart, Saxton, 1996-03-01, C, SAC
116, Columbus, Jeffers, 2002-08-08, PG, SAS
117, Adalberto, Brandon, 1999-02-05, SG, SAS
118, Ollie, Colwell, 2001-08-05, SF, SAS

119,Kraig,Mercer,2003-06-25,PF,SAS
120,Art,Johansen,1998-07-21,C,SAS
121,Jamal,Montalvo,2003-10-09,PG,TOR
122,Sung,Cooley,1996-11-01,SG,TOR
123,Rich,Gilman,2003-06-21,SF,TOR
124,Jc,Gann,2001-10-05,PF,TOR
125,Parker,Wynn,1995-06-06,C,TOR
126,Enoch,Mccracken,2002-12-23,PG,UTA
127,Delmer,Candelaria,1993-01-14,SG,UTA
128,Wilburn,Neville,2000-03-31,SF,UTA
129,Edgardo,Reagan,2001-12-27,PF,UTA
130,Donovan,Lovejoy,1994-05-16,C,UTA
131,Wes,Espinal,1996-01-11,PG,WAS
132,Rhett,Matson,2004-06-20,SG,WAS
133,Jayson,Steffen,1996-12-22,SF,WAS
134,Hoyt,Savage,1995-07-17,PF,WAS
135,Dillon,Casteel,1995-03-11,C,WAS
136,Shon,Aiello,2003-10-14,PG,CLE
137,Tyrell,Burkholder,1995-04-22,SG,CLE
138,Federico,Felton,2002-11-06,SF,CLE
139,Zackary,Obryan,1996-03-29,PF,CLE
140,Darius,Hedges,2001-01-01,C,CLE
141,Deon,Oleary,1998-07-18,PG,DAL
142,Dirk,Jacks,1997-02-23,SG,DAL
143,Nathanael,Vaught,2002-07-04,SF,DAL
144,Odell,Jordon,2001-09-20,PF,DAL
145,Clemente,Wasson,1993-04-05,C,DAL
146,Anton,Becnel,2002-10-27,PG,DEN
147,Adolfo,Hardison,2000-08-29,SG,DEN
148,Donte,Stacey,1994-09-27,SF,DEN
149,Emory,Walling,1995-06-16,PF,DEN
150,Bruno,Haggard,2003-03-06,C,DEN

team.csv

teamName

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DAL

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MEM

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