

<Oracle - studentdb> Q2

```
CREATE TABLE Personnel(  
    pid CHAR(10) PRIMARY KEY,  
    firstName VARCHAR(20),  
    lastName VARCHAR(20),  
    dateOfBirth DATE,  
    placeOfBirth VARCHAR(50)  
);  
  
CREATE TABLE Teams (  
    name VARCHAR(20) PRIMARY KEY,  
    city VARCHAR(20),  
    division INT,  
    league VARCHAR(20)  
);  
  
CREATE TABLE Umpires(  
    pid CHAR(10) PRIMARY KEY REFERENCES Personnel  
);  
  
CREATE TABLE Players(  
    pid CHAR(10) PRIMARY KEY REFERENCES Personnel,  
    battingOrientation VARCHAR(6),  
    BA INT,  
    name VARCHAR(20) REFERENCES Teams  
);  
  
CREATE TABLE Coaches(  
    pid CHAR(10) PRIMARY KEY REFERENCES Personnel,  
    teamName VARCHAR(20) REFERENCES Teams(name)  
);  
  
CREATE TABLE Managers(  
    pid CHAR(10) PRIMARY KEY REFERENCES Personnel  
    teamName VARCHAR(20) REFERENCES Teams(name)  
);  
  
CREATE TABLE Pitchers(  
    pid CHAR(10) PRIMARY KEY REFERENCES Players,  
    lifeERA INT,  
);  
  
CREATE TABLE Games (  
    gid CHAR(10) PRIMARY KEY,  
    gameDate DATE,  
    score1 INT,  
    score2 INT,  
    save CHAR(10),  
    losing CHAR(10),  
    winning CHAR(10)  
);  
  
CREATE TABLE hits (  
    pid CHAR(10) REFERENCES Players,  
    gid CHAR(10) REFERENCES Games,  
    singles INT,  
    doubles INT,  
    triples INT,
```

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```
hRuns INT,  
PRIMARY KEY(pid, gid)  
);  
  
CREATE TABLE Plays (  
gid CHAR(10) REFERENCES Games,  
homeTeam CHAR(10) REFERENCES Teams(name),  
awayTeam CHAR(10) REFERENCES Teams(name),  
runs1 INT,  
hits1 INT,  
errors1 INT,  
runs2 INT,  
hits2 INT,  
errors2 INT,  
PRIMARY KEY(gid, homeTeam, awayTeam)  
);
```