Milestone Four

CS-499

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**Create Tables Team Data and Player Data**

**CREATE TABLE Team\_Data  
(  
Teamid int,  
teamname varchar(255),  
PRIMARY KEY (Teamid)  
);**

CREATE TABLE Player\_Data  
(  
Playerid int,  
firstname varchar(255),  
lastname varchar(255),  
Teamid int,  
dateofbirth Date,  
social varchar(255),  
PRIMARY KEY (Playerid)  
);

Insert **sample data** into each of the tables using appropriate SQL statements.  
***Team\_Data :***

INSERT INTO Team\_Data (Teamid, teamname)  
VALUES (1,'Penguins');

INSERT INTO Team\_Data (Teamid, teamname)  
VALUES (2,'Dolphins');

INSERT INTO Team\_Data (Teamid, teamname)  
VALUES (3,'Sharks');

**Player\_Data :**  
  
INSERT INTO Player\_Data (Playerid,firstname,lastname,Teamid,dateofbirth,social)  
VALUES (2,'Marci','Rogan',2,'01/09/1985','143-09-6793');

INSERT INTO Player\_Data (Playerid,firstname,lastname,Teamid,dateofbirth,social)  
VALUES (3,'Carl','Fenzila',2,'04/25/1968','009-87-23653');

INSERT INTO Player\_Data (Playerid,firstname,lastname,Teamid,dateofbirth,social)  
VALUES (4,'John','Pomeraina',1,' 02/04/1975','128-09-6874');

INSERT INTO Player\_Data (Playerid,firstname,lastname,Teamid,dateofbirth,social)  
VALUES (5,'Anton','Orlovsky',1,' 09/10/2001','234-09-9087');

INSERT INTO Player\_Data (Playerid,firstname,lastname,Teamid,dateofbirth,social)  
VALUES (6,'Brian','Portis',1,'07/02/1973','125-09-9988');

INSERT INTO Player\_Data (Playerid,firstname,lastname,Teamid,dateofbirth)  
VALUES (7,'Andrew','Jackson',1,' 06/27/2001');

* **Retrieve the data from multiple tables by using the appropriate type of join statement.:**  
  Data can be retrieved by using inner join. The INNER JOIN keyword selects records that have matching values in both tables  
    
  **Query:** select P.firstname,P.lastname,T.teamname from Player\_Data P INNER JOIN Team\_Data T on T.Teamid= P.Teamid;
* **List the team name and a count of the players on each team, but only for teams that have more than two players. Name the column of the number of players as "number of players"**  
    
  select T.teamname ,count(\*) AS number\_of\_players from Player\_Data P, Team\_Data T where T.Teamid= P.Teamid  
  group by T.teamname having count(\*)>2 ;
* **Write a query listing all of the players who have no social security number listed**  
    
  select Playerid,firstname,lastname,Teamid,dateofbirth, social from Player\_Data where social IS null;
* **For every player who has no social, replace the null with the words "No Social on File"**  
  UPDATE Player\_Data  
  SET social='No Social on File'  
  WHERE social IS NULL;