

Q1[18 points] Consider the example form Assignments 1 and 2 about soccer players and teams. Assume you have the following tables.

```
CREATE TABLE Team (  
    name VARCHAR(45) NOT NULL,  
    city VARCHAR(45) NOT NULL,  
    PRIMARY KEY (name));  
  
CREATE TABLE SoccerPlayer (  
    id INT NOT NULL,  
    name VARCHAR(45) NOT NULL,  
    tName VARCHAR(45) NOT NULL,  
    PRIMARY KEY (id,tName),  
    FOREIGN KEY (tName) REFERENCES Team(name));  
  
CREATE TABLE Game (  
    id INT AUTO_INCREMENT,  
    hTeam VARCHAR(45) NOT NULL,  
    aTeam VARCHAR(45) NOT NULL,  
    hGoals INT NOT NULL,  
    aGoals INT NOT NULL,  
    date DATE NOT NULL,  
    PRIMARY KEY (id),  
    FOREIGN KEY (hTeam) REFERENCES Team(name),  
    FOREIGN KEY (aTeam) REFERENCES Team(name));  
  
CREATE TABLE Participate (  
    id INT AUTO_INCREMENT,  
    spID INT NOT NULL,  
    spTeam VARCHAR(45) NOT NULL,  
    gameID INT NOT NULL,  
    goals INT NOT NULL,  
    PRIMARY KEY (id),  
    FOREIGN KEY (spID,spTeam) REFERENCES SoccerPlayer(id,tName),  
    FOREIGN KEY (gameID) REFERENCES Game(id));
```

Write the following queries in SQL (2 points each). Feel free to create as many views as you need.

1. On what date(s) did Cal Poly score the most goals?
2. Which team has scored the most total goals?
3. How many wins does Cal Poly have?
4. Who is the top scorer for Cal Poly?
5. In which games (print all information from Game table) did Cal Poly use exactly 14 players?

6. What are the names of Cal Poly soccer players that have played in every single Cal Poly game?
7. Print the names of all Cal Poly players sorted by the number of goals that they have scored.
8. Print the names of Cal Poly soccer players who have played only in games where Cal Poly has not allowed goals.
9. For every team, print the number of games that they have played. Include teams that have played no games.

Please test your queries and submit on Canvas.