SQLZOO QUERIES

CHAPTER 6 JOIN

Ques 1 Modify it to show the *matchid* and *player* name for all goals scored by Germany. To identify German players, check for: teamid = 'GER'

Ans SELECT matchid, player FROM goal

WHERE teamid = 'GER'

Ques 2 Show id, stadium, team1, team2 for just game 1012

Ans SELECT id,stadium,team1,team2 FROM game

WHERE id = 1012

Ques 3 Modify it to show the player, teamid, stadium and mdate for every German goal.

Ans SELECT player,teamid,stadium,mdate

FROM game JOIN goal ON (id=matchid)

WHERE teamid = 'GER'

Ques 4 Show the team1, team2 and player for every goal scored by a player called Mario player LIKE 'Mario%'

Ans SELECT team1,team2, player

FROM game JOIN goal ON (id = matchid)

WHERE player LIKE 'Mario%'

Ques 5 Show player, teamid, coach, gtime for all goals scored in the first 10 minutes gtime<=10

Ans SELECT player, teamid,coach, gtime

FROM goal JOIN eteam ON teamid = id

WHERE gtime<=10

Ques 6 List the dates of the matches and the name of the team in which 'Fernando Santos' was the team1 coach.

Ans SELECT mdate, teamname

FROM game JOIN eteam ON game.team1 = eteam.id

WHERE coach = 'Fernando Santos'

Ques 7 List the player for every goal scored in a game where the stadium was 'National Stadium, Warsaw'

Ans SELECT player

FROM goal JOIN game ON matchid = id

WHERE stadium = 'National Stadium, Warsaw'

Ques 8 Instead show the **name** of all players who scored a goal against Germany.

Ans SELECT DISTINCT player

FROM goal JOIN game ON matchid = id

WHERE teamid != 'GER' AND (team1 = 'GER' OR team2 = 'GER')

Ques 9 Show **teamname** and the total number of goals scored.

Ans SELECT teamname, COUNT(gtime)

FROM eteam JOIN goal ON id=teamid

GROUP BY teamname

Ques 10 Show the stadium and the number of goals scored in each stadium.

Ans SELECT stadium, COUNT(gtime)

FROM game JOIN goal ON id = matchid

GROUP BY stadium

Ques 11 For every match involving 'POL', show the matchid, date and the number of goals scored.

Ans SELECT matchid, mdate, COUNT(teamid)

FROM game LEFT JOIN goal ON id = matchid

WHERE (team1 = 'POL' OR team2 = 'POL')

GROUP BY id, mdate

Ques 12 For every match where 'GER' scored, show matchid, match date and the number of goals scored by 'GER'

Ans SELECT matchid, mdate, COUNT(teamid)

FROM game LEFT JOIN goal ON id = matchid

WHERE teamid = 'GER'

GROUP BY matchid,mdate

Ques 13 List every match with the goals scored by each team as shown. **Sort your result by mdate, team1 and team2.**

Ans SELECT mdate,

team1, SUM(CASE WHEN teamid=team1 THEN 1 ELSE 0 END) AS score1,

team2, SUM(CASE WHEN teamid=team2 THEN 1 ELSE 0 END) AS score2

FROM game LEFT JOIN goal ON id = matchid

GROUP BY mdate,team1,team2;