<https://sqlzoo.net/wiki/The_JOIN_operation>

1.

SELECT matchid, player FROM goal

WHERE teamid = 'GER'

2.

SELECT id,stadium,team1,team2

FROM game

where id in (select matchid

from goal

where player like '%bender%')

3.

SELECT player, teamid, stadium , mdate

FROM game

JOIN goal

ON game.id=goal.matchid

WHERE goal.teamid = 'GER'

4.

SELECT game.team1,game.team2, goal.player

FROM game

JOIN goal

ON game.id = goal.matchid

WHERE goal.player LIKE 'Mario%'

5.

SELECT goal.player,goal.teamid, eteam.coach, goal.gtime

FROM goal

JOIN eteam

ON goal.teamid= eteam.id

WHERE gtime <= 10

6.

SELECT game.mdate, eteam.teamname

FROM game

JOIN eteam

ON game.team1 = eteam.id

WHERE eteam.coach = 'Fernando Santos'

7.

SELECT goal.player

FROM goal

JOIN game

ON goal.matchid=game.id

WHERE game.stadium = 'National Stadium, Warsaw'

8.

SELECT player, gtime

FROM game JOIN goal ON matchid = id

WHERE (team1='GER' AND team2='GRE')

9.

SELECT eteam.teamname, count(goal.teamid) as total

FROM eteam

JOIN goal

ON eteam.id = goal.teamid

GROUP BY 1

10.

SELECT stadium, COUNT(matchid)

FROM game

JOIN goal

ON game.id=goal.matchid

GROUP BY 1

11.

SELECT goal.matchid, game.mdate,COUNT(\*)

FROM game

JOIN goal

ON game.id = goal.matchid

WHERE game.team1 ='POL' or game.team2='POL'

GROUP BY 1,2

12.

SELECT goal.matchid, game.mdate, COUNT(\*)

FROM goal

JOIN game

ON game.id = goal.matchid

WHERE goal.teamid = 'GER'

GROUP BY 1,2

13.

SELECT mdate,

team1,

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

team2,

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

FROM game

LEFT JOIN goal

ON goal.matchid = game.id

GROUP BY mdate,team1,team2

ORDER BY mdate, matchid, team1, team2