INFORME:

ACTIVIDAD JOIN

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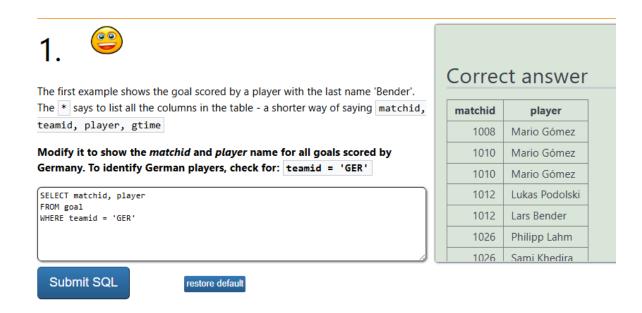
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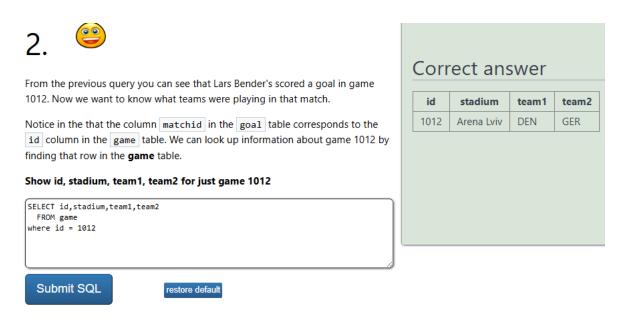FICHA:

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1) Nos pide que mostremos el nombre del jugador dependiendo del id del equipo

1.

The first example shows the goal scored by a player with the last name 'Bender'. The `*` says to list all the columns in the table - a shorter way of saying `matchid, teamid, player, gtime`

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

```
SELECT matchid, player
FROM goal
WHERE teamid = 'GER'
```

Submit SQL   restore default

Correct answer

matchid	player
1008	Mario Gómez
1010	Mario Gómez
1010	Mario Gómez
1012	Lukas Podolski
1012	Lars Bender
1026	Philipp Lahm
1026	Sami Khedira

2) **nos pide que mostremos** identificación, estadio, equipo1, equipo2 solo para el juego 1012, para esto colocamos en el where la condición para la identificación que sea de 1012

2.

From the previous query you can see that Lars Bender's scored a goal in game 1012. Now we want to know what teams were playing in that match.

Notice in the that the column `matchid` in the `goal` table corresponds to the `id` column in the `game` table. We can look up information about game 1012 by finding that row in the **game** table.

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

```
SELECT id,stadium,team1,team2
  FROM game
where id = 1012
```

Submit SQL   restore default

Correct answer

id	stadium	team1	team2
1012	Arena Lviv	DEN	GER

3)

3. 😛

You can combine the two steps into a single query with a `JOIN`.

```
SELECT *
   FROM game JOIN goal ON (id=matchid)
```

The **FROM** clause says to merge data from the goal table with that from the game table. The **ON** says how to figure out which rows in **game** go with which rows in **goal** - the **matchid** from **goal** must match **id** from **game**. (If we wanted to be more clear/specific we could say `ON (game.id=goal.matchid)`

The code below shows the player (from the goal) and stadium name (from the game table) for every goal scored.

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

```
SELECT goal.player, goal.teamid, game.stadium , game.mdate
  FROM goal JOIN game ON (game.id=goal.matchid)
where goal.teamid = 'GER'
```

Submit SQL   restore default

Correct answer			
player	**teamid**	**stadium**	**mdate**
Mario Gómez	GER	Arena Lviv	9 June 2012
Mario Gómez	GER	Metalist Stadium	13 June 2012
Mario Gómez	GER	Metalist Stadium	13 June 2012
Lukas Podolski	GER	Arena Lviv	17 June 2012
Lars Bender	GER	Arena Lviv	17 June 2012
Philipp Lahm	GER	PGE Arena Gdansk	22 June 2012
Sami Khedira	GER	PGE Arena Gdansk	22 June 2012
Miroslav Klose	GER	PGE Arena Gdansk	22 June 2012

4)

4. 😛

Use the same `JOIN` as in the previous question.

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

```
select game.team1 , game.team2 , goal.player
from  goal JOIN game ON (game.id = goal.matchid)
where player LIKE 'Mario%'
```

Submit SQL   restore default

Correct answer		
team1	**team2**	**player**
GER	POR	Mario Gómez
NED	GER	Mario Gómez
NED	GER	Mario Gómez
IRL	CRO	Mario Mandžukic
IRL	CRO	Mario Mandžukic
ITA	CRO	Mario Mandžukic
ITA	IRL	Mario Balotelli
GER	ITA	Mario Balotelli

5)

5.

The table `eteam` gives details of every national team including the coach. You can `JOIN` `goal` to `eteam` using the phrase `goal JOIN eteam on teamid=id`

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

```
SELECT goal.player, goal.teamid , eteam.coach, goal.gtime
  FROM goal join eteam on (teamid=id)
 WHERE gtime<=10
```

Submit SQL   restore default

Correct answer

player	teamid	coach	gtime
Petr Jirácek	CZE	Michal Bílek	3
Václav Pilar	CZE	Michal Bílek	6
Mario Mandžukic	CRO	Slaven Bilic	3
Fernando Torres	ESP	Vicente del Bosque	4

6)

6.

To `JOIN` `game` with `eteam` you could use either `game JOIN eteam ON (team1=eteam.id)` or `game JOIN eteam ON (team2=eteam.id)`

Notice that because `id` is a column name in both `game` and `eteam` you must specify `eteam.id` instead of just `id`

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

```
SELECT game.mdate, eteam.teamname
  FROM game join eteam on team1=eteam.id
 WHERE eteam.coach = 'Fernando Santos'
```

Submit SQL   restore default

Correct answer

mdate	teamname
12 June 2012	Greece
16 June 2012	Greece

7)

7. 😃

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

```
SELECT goal.player
FROM goal join game on game.id = goal.matchid
where game.stadium = 'National Stadium, Warsaw'
```

Submit SQL   restore default

Correct answer

player
Robert Lewandowski
Dimitris Salpingidis
Alan Dzagoev
Jakub Blaszczykowski
Giorgos Karagounis
Cristiano Ronaldo
Mario Balotelli
Mario Balotelli

8)