

1194. Tournament Winners

Hard

24

15

Add to List

Share

SQL Schema >

Table: Players

Column Name	Type
player_id	int
group_id	int

player_id is the primary key of this table.
Each row of this table indicates the group of each player.

Table: Matches

Column Name	Type
match_id	int
first_player	int
second_player	int
first_score	int
second_score	int

match_id is the primary key of this table.
Each row is a record of a match, first_player and second_player contain the player_id of each match.
first_score and second_score contain the number of points of the first_player and second_player respectively.
You may assume that, in each match, players belongs to the same group.

The winner in each group is the player who scored the maximum total points within the group. In the case of a tie, the **lowest** player_id wins.

Write an SQL query to find the winner in each group.

The query result format is in the following example:

Players table:

15	1
25	1
30	1
45	1
10	2
35	2
50	2
20	3
40	3

Matches table:

1	15	45	3	0
2	30	25	1	2
3	30	15	2	0
4	40	20	5	2
5	35	50	1	1

Result table:

1	15
2	35
3	40

Accepted 2,588

Submissions 4,821

Seen this question in a real interview before?

Yes

No

Contributor

Companies