

1194. Tournament Winners

Description

Table: Players

+-----+		
Column Name	Type	
+-----+		
player_id	int	
group_id	int	
+-----+		
player_id is the primary key (column with unique values) 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 (column with unique values) 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 belong 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 a solution to find the winner in each group.

Return the result table in **any order**.

The result format is in the following example.

Example 1:

Input:				
Players table:				
+-----+				
player_id	group_id			
+-----+				
15	1			
25	1			
30	1			
45	1			
10	2			
35	2			
50	2			
20	3			
40	3			
+-----+				
Matches table:				
+-----+				
match_id	first_player	second_player	first_score	second_score
+-----+				
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
+-----+				
Output:				
+-----+				
group_id	player_id			
+-----+				
1	15			
2	35			
3	40			
+-----+				

