

1212. Team Scores in Football Tournament

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SQL Schema

Table: Teams

Column Name	Type
team_id	int
team_name	varchar

team_id is the primary key of this table.
Each row of this table represents a single football team.

Table: Matches

Column Name	Type
match_id	int
host_team	int
guest_team	int
host_goals	int
guest_goals	int

match_id is the primary key of this table.
Each row is a record of a finished match between two different teams.
Teams host_team and guest_team are represented by their IDs in the teams table (team_id) and they scored host_goals and guest_goals goals respectively.

You would like to compute the scores of all teams after all matches. Points are awarded as follows:

- A team receives three points if they win a match (Score strictly more goals than the opponent team).
- A team receives one point if they draw a match (Same number of goals as the opponent team).
- A team receives no points if they lose a match (Score less goals than the opponent team).

Write an SQL query that selects the **team_id**, **team_name** and **num_points** of each team in the tournament after all described matches. Result table should be ordered by **num_points** order). In case of a tie, order the records by **team_id** (increasing order).

The query result format is in the following example:

Teams table:

team_id	team_name
10	Leetcode FC
20	NewYork FC
30	Atlanta FC
40	Chicago FC
50	Toronto FC

Matches table:

match_id	host_team	guest_team	host_goals	guest_goals
1	10	20	3	0
2	30	10	2	2
3	10	50	5	1
4	20	30	1	0
5	50	30	1	0

Result table:

team_id	team_name	num_points
10	Leetcode FC	7
20	NewYork FC	3
50	Toronto FC	3
30	Atlanta FC	1
40	Chicago FC	0

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YesNo

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