

2173. Longest Winning Streak

Description

Table: Matches

+-----+-----+		
Column Name	Type	
+-----+-----+		
player_id	int	
match_day	date	
result	enum	
+-----+-----+		
(player_id, match_day) is the primary key (combination of columns with unique values) for this table.		
Each row of this table contains the ID of a player, the day of the match they played, and the result of that match.		
The result column is an ENUM (category) type of ('Win', 'Draw', 'Lose').		

The **winning streak** of a player is the number of consecutive wins uninterrupted by draws or losses.

Write a solution to count the longest winning streak for each player.

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

The result format is in the following example.

Example 1:

Input:		
Matches table:		
+-----+-----+		
player_id	match_day	result
+-----+-----+		
1	2022-01-17	Win
1	2022-01-18	Win
1	2022-01-25	Win
1	2022-01-31	Draw
1	2022-02-08	Win
2	2022-02-06	Lose
2	2022-02-08	Lose
3	2022-03-30	Win
+-----+-----+		
Output:		
+-----+-----+		
player_id	longest_streak	
+-----+-----+		
1	3	
2	0	
3	1	
+-----+-----+		
Explanation:		
Player 1:		
From 2022-01-17 to 2022-01-25, player 1 won 3 consecutive matches.		
On 2022-01-31, player 1 had a draw.		
On 2022-02-08, player 1 won a match.		
The longest winning streak was 3 matches.		
Player 2:		
From 2022-02-06 to 2022-02-08, player 2 lost 2 consecutive matches.		
The longest winning streak was 0 matches.		
Player 3:		
On 2022-03-30, player 3 won a match.		
The longest winning streak was 1 match.		

Follow up: If we are interested in calculating the longest streak without losing (i.e., win or draw), how will your solution change?

