# Setting up the Home Team CTE for Manchester United

## Question

Create a query to identify matches where Manchester United was the home team during the 2014/2015 English Premier League season. The query should categorize each match as a win, loss, or tie for Manchester United, using a CASE statement to determine the outcome based on the number of home and away goals.

## Corrected SQL Query

SELECT  
 m.id,  
 t.team\_long\_name,  
 -- Identify matches as home/away wins or ties for Manchester United  
 CASE  
 WHEN m.home\_goal > m.away\_goal THEN 'MU Win'  
 WHEN m.home\_goal < m.away\_goal THEN 'MU Loss'  
 ELSE 'Tie'  
 END AS outcome  
FROM match AS m  
LEFT JOIN team AS t  
 ON m.hometeam\_id = t.team\_api\_id  
WHERE m.season = '2014/2015'  
 AND t.team\_long\_name = 'Manchester United';

## Explanation

1. \*\*CASE Statement\*\*: This categorizes matches as 'MU Win', 'MU Loss', or 'Tie' based on the number of goals scored by Manchester United (home\_goal) compared to their opponents (away\_goal).  
  
2. \*\*LEFT JOIN\*\*: This connects the `match` table with the `team` table to fetch the full name of the home team. The ON clause matches `hometeam\_id` in the `match` table with `team\_api\_id` in the `team` table.  
  
3. \*\*Filtering\*\*:  
 - `m.season = '2014/2015'`: Ensures only matches from the 2014/2015 season are included.  
 - `t.team\_long\_name = 'Manchester United'`: Limits the dataset to matches where Manchester United was the home team.