***** Explanation_4******

- This Problem takes in arguments user and group the and determines id the user is in that group or not. for e.g if the Group has a sub group the user in sub group is part of group but vice versa may not be true.

- This this algorithm checks if user is in the current group if yes it return true.
- If the group does not have any subgroup it returns false.
- if the Groups have sub groups the the algorithm recursively check the user list to find a match if match found it returns true else false.

Time Complexity:
for the worst case if the user is in on of the sub group assuming number of group is N and number of user is N —> O(NxM)