is\_user\_in\_group

I used the class Group as mention in the task as the data structure

The function “is\_user\_in\_group” is recursive function which call itself every time there are nested group until it finds the fit user, if it exists

Efficiency – the recursive function check every group and sub group ,so the efficiency depends og the sub group of the initial group , it can be say that it equal to O(n) when n= number sub\_group