Question

I/P – Table with Team and their members and criteria for qualification1

O/P – Provide **'Qualification_for_program'** based on qualification criteria based on following criteria, if both the following criteria matches then team is qualified for program.

1. *If criteria1 and criteria2 for a team is yes.*
2. *There should be at least 2 people in his team who qualify for the program.*

teamID	memberID	Criteria1	Criteria2	just for reference
teamID	memberID	has_been_member_for_1_year	met_growth_hurdle	Qualifies_for_Program
T1	T1_mbr1	y	y	y
T1	T1_mbr2	y	y	y
T1	T1_mbr3	y	y	y
T1	T1_mbr4	y	y	y
T1	T1_mbr5	y	N	N
T2	T2_mbr1	y	y	N
T2	T2_mbr2	y	N	N
T2	T2_mbr3	N	Y	N
T2	T2_mbr4	N	N	N
T2	T2_mbr5	N	N	N
T3	T3_mbr1	y	y	Y
T3	T3_mbr2	y	Y	Y
T3	T3_mbr3	N	Y	N
T3	T3_mbr4	N	Y	N
T3	T3_mbr5	Y	N	N

Query

```sql
with judge_first_qualification_criteria AS (
    select
        *,
        case
            when criteria1 = criteria2 then 'YES'
            else 'NO'
        end as first_qualification_pass
    from Ameriprise_LLC
)
,judge_second_qualification_criteria AS (
    select
        *,
        case
            when x.count_condition >=2 then 'YES'
            else 'NO'
        end as second_qualification_pass
    From (
        select teamID, count(*) as count_condition
        from Ameriprise_LLC
        where criteria1 in ('y', 'Y') and criteria2 in ('y', 'Y')
        group by teamID, criteria1, criteria2
        ) as x
)
select
    a.teamid,
    a.memberid,
    a.criteria1,
    a.criteria2,
    case
        when a.first_qualification_pass = 'YES' and b.second_qualification_pass = 'YES' then 'YES'
        else 'NO'
    end as Qualification_for_Program
from judge_first_qualification_criteria as a
join judge_second_qualification_criteria as b
on a.teamid = b.teamid;
```

Summary of Logic:

Here, in this query to reach into the conclusion, I tried to divide the solution into 2 parts

1. Get all teams who are qualified based on 1st qualification criteria and store indication value in 'first_qualification_pass'
2. Get all teams who are qualified based on 2nd qualification criteria and store indication value in 'second_qualification_pass'

Finally, get all teams who pass both the qualifications by performing join operation based on **teamid**.

Output

Team 1 - Member1/2/3/4 – Pass both the qualification criteria

Team 3 – Member1/2 - Pass both the qualification criteria

teamid character varying (2)	memberid character varying (10)	criteria1 character varying (1)	criteria2 character varying (1)	qualification_for_program text
T1	T1_mbr1	Y	Y	YES
T1	T1_mbr2	Y	Y	YES
T1	T1_mbr3	Y	Y	YES
T1	T1_mbr4	Y	Y	YES
T1	T1_mbr5	Y	N	NO
T2	T2_mbr1	Y	Y	NO
T2	T2_mbr2	Y	N	NO
T2	T2_mbr3	N	Y	NO
T2	T2_mbr4	N	N	NO
T2	T2_mbr5	N	N	NO
T3	T3_mbr1	Y	Y	YES
T3	T3_mbr2	Y	Y	YES
T3	T3_mbr3	N	Y	NO
T3	T3_mbr4	N	Y	NO
T3	T3_mbr5	Y	N	NO