# No of seniors and juniors Write your MySQL query statement below

with CTE AS (SELECT employee\_id,experience,SUM(Salary) OVER(Partition by experience order by salary, employee\_id) AS RN from Candidates)

SELECT 'Senior' as experience,count(employee\_id) AS accepted\_candidates FROM CTE where experience ='Senior' and RN<=70000

UNION

SELECT 'Junior' as experience,count(employee\_id) AS accepted\_candidates FROM CTE where experience='Junior' and RN<(Select 70000-ifnull(max(RN),0) FROM CTE where experience ='Senior' and RN<=70000)

# League statistics Write your MySQL query statement below

with unioned as(

SELECT home\_team\_id as t1, away\_team\_id as t2,home\_team\_goals as g1, away\_team\_goals as g2 from Matches

Union All

select away\_team\_id as t1, home\_team\_id as t2, away\_team\_goals as g1, home\_team\_goals as g2 from matches )

select t.team\_name,COUNT(u.t1) AS matches\_played,sum(

    CASE

        WHEN u.g1 >u.g2 THEN 3

        WHEN u.g1=u.g2 THEN 1

        ELSE 0

    END

) AS points,SUM(u.g1) AS goal\_for,SUM(u.g2) AS goal\_against,SUM(u.g1)- SUM(u.g2) AS goal\_diff  from unioned u join teams t on u.t1=t.team\_id group by u.t1 order by Points DESC,goal\_diff DESC, t.team\_name;

# Who has most friends Write your MySQL query statement below

SELECT user\_id id, COUNT(\*) AS num

FROM (

    SELECT requester\_id AS user\_id

    FROM RequestAccepted

    UNION ALL

    SELECT accepter\_id AS user\_id

    FROM RequestAccepted

) cte

group by user\_id

order by num desc

limit 1

# Salesperson Write your MySQL query statement below

SELECT name

FROM

    SalesPerson s

where s.sales\_id not in (

SELECT o.sales\_id

FROM Company c

    join Orders o

    on c.com\_id = o.com\_id

WHERE c.name ="RED"

)