

```
9. What are the team names and the number of players in each team whose salary is greater than 100,000?  
select team_name,t.no_of_players  
from teams,(select team_id,count(*) as no_of_players  
from players  
where salary>100000  
group by team_id) as t  
where teams.team_id=t.team_id;
```

```
8. Which team won the most matches?
```

```
select team_name,t.no_of_matches_won  
from teams,(select winner_id,count(*) as  
no_of_matches_won  
group by winner_id) as t  
where team_id=winner_id  
order by no_of_matches_won desc  
limit 1;
```

```
7. What is the average salary of players in the teams with country 'USA'?
```

```
select avg(salary) as average_salary  
from players  
where team_id in (select team_id  
from teams  
where country='USA');
```



6. What are the team names and the number of matches they have won?

```
select team_name,t.no_of_matches_won
from teams,(select winner_id,count(*) as no_of_matches_won
from matches
group by winner_id) as t
where team_id=t.winner_id;
```



5. What are the player names and their roles in the team with team_id = 1?

```
select player_name,role
from players
where team_id=1;
```



4. What is the team name and captain name of the team with team_id = 2?

```
select t.team_name,player_name as captain_name
from players,(select captain_id,team_name
from teams
where team_id=2) as t
where player_id=t.captain_id;
```



3. What is the total number of players in each team?

```
select team_id, count(*) as no_of_players
from players
group by team_id;
```



2. What is the team name of the player with player_id = 3?

```
select team_name
from teams
where team_id=(select team_id
from players
where player_id=3);
```



1. What are the names of the players whose salary is greater than 100,000?

```
select player_name
from players
where salary>100000;
```



Q:Write an SQL query to report the Capital gain/loss for each stock.

A:`select stock_name,sum(case
 when operation="Buy" then -price
 else price
 end) as capital_gain_loss

from Stocks
group by stock_name;`



Q:Write an SQL query to find for each user, the join date and the number of orders they made as a buyer in 2019.

A:`select user_id as buyer_id,join_date,(select count(*)
from Orders
where buyer_id=user_id and year(order_date)=2019) as orders_in_2019
from Users;`