

## ESPORTS TOURNAMENT CHALLENGE

--> What are the names of the players whose salary is greater than 100,000?

```
SELECT PLAYER_NAME FROM PLAYERS WHERE SALARY > 100000
```

--> What is the team name of the player with player\_id = 3?

```
SELECT T.TEAM_NAME
FROM TEAMS AS T
JOIN PLAYERS AS P
ON T.TEAM_ID = P.TEAM_ID
WHERE P.PLAYER_ID = 3
```

--> What is the total number of players in each team?

```
SELECT T.TEAM_ID, T.TEAM_NAME, COUNT(P.PLAYER_ID) AS TOTAL_PLAYERS
FROM TEAMS AS T
JOIN PLAYERS AS P
ON T.TEAM_ID = P.TEAM_ID
GROUP BY T.TEAM_ID, T.TEAM_NAME
```

--> What is the team name and captain name of the team with team\_id = 2?

```
SELECT T.TEAM_NAME, P.PLAYER_NAME
FROM TEAMS AS T
JOIN PLAYERS AS P
ON T.CAPTAIN_ID = P.PLAYER_ID
WHERE T.TEAM_ID = 2
GROUP BY T.TEAM_NAME, T.CAPTAIN_ID, P.PLAYER_NAME
```

--> 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
```

--> What are the team names and the number of matches they have won?

```
SELECT T.TEAM_NAME, COUNT(M.WINNER_ID) AS TIMES_WON
FROM TEAMS AS T
JOIN
MATCHES AS M
ON T.TEAM_ID = M.WINNER_ID
GROUP BY T.TEAM_NAME
```

--> What is the average salary of players in the teams with country 'USA'?

```
SELECT AVG(P.SALARY) AS AVG_SALARY
FROM PLAYERS AS P
JOIN TEAMS AS T
ON P.TEAM_ID = T.TEAM_ID
WHERE T.COUNTRY = 'USA'
```

--> Which team won the most matches?

```
SELECT TOP 1 T.TEAM_ID, T.TEAM_NAME, COUNT(M.WINNER_ID) AS TIMES_WON
FROM TEAMS AS T
JOIN
MATCHES AS M
ON T.TEAM_ID = M.WINNER_ID
GROUP BY T.TEAM_ID, T.TEAM_NAME
ORDER BY TIMES_WON DESC
```

--> What are the team names and the number of players in each team whose salary is greater than 100,000?

```
WITH CTE1 AS (
SELECT T.TEAM_NAME, P.PLAYER_ID, SUM(P.SALARY) AS TOTAL_SALARY
FROM TEAMS AS T
JOIN PLAYERS AS P
ON T.TEAM_ID = P.TEAM_ID
GROUP BY T.TEAM_NAME, P.PLAYER_ID
HAVING SUM(P.SALARY) > 100000)
SELECT TEAM_NAME, COUNT(PLAYER_ID) AS TOTAL_PLAYERS
FROM CTE1
GROUP BY TEAM_NAME
```

--> What is the date and the score of the match with match\_id = 3?

```
SELECT MATCH_DATE, SCORE_TEAM1, SCORE_TEAM2
FROM MATCHES
WHERE MATCH_ID = 3
```

\\ STEEL DATA - CHALLENGE 2 BY KIRTHIKA G J