

1) Total points of a particular team (say Team “X”)

$$\pi_{points\_tournament} (\sigma_{team\_name = "KKR"} (Team))$$

2) List of teams in tournament whose matches got a draw

$$\pi_{team\_name} (\sigma_{matches\_draw > 0} (Team))$$

3) The player who Won the orange/purple cap

$$\pi_{player\_name} (OrangeCap) \cup \pi_{player\_name} (PlayerCap)$$

4) List of Players of Team “X”

$$\pi_{player\_name} (\sigma_{team\_name = "KKR"} (Player))$$

5) Find a list of owners of team number x,y,z

$$\pi_{owner\_name} (\sigma_{team\_name = "KKR" \wedge team\_name = "RR"} (Owners))$$

6) Owner of “X” team

$$\pi_{owner\_name} (\sigma_{team\_name = "KKR"} (Owners))$$

7) Info of a player ‘X’

$$\sigma_{player\_name='X'} (Players)$$

8) Performance of players in the team sponsored by ‘X’.

$$\pi_{total\_runs, total\_wickets} (\sigma_{p.team\_id=s.team\_id \wedge s.sponsor\_name='X'} (Sponsor \times Players))$$

9) View profile of umpire ‘X’

$$\sigma_{designation='2' \wedge official\_name='X'} (Officials)$$

10) Names of unsold players

$$\pi_{player\_name} (Players) - \pi_{player\_name} (Players \bowtie Auction)$$

11) The total number of Indian players in Team X.

$$\pi_{(no\_of\_players - no\_of\_overseas\_players)} (\sigma_{team\_name='X'} (Team))$$

12) List of commentators in the tournament.

$$\pi_{commentator\_name} (Commentators)$$

