

cricket board	Team
Chennai cricket board	ABs express
Chennai cricket board	Arin Express
Tamilnadu cricket board	Ankay Board
Tamilnadu cricket board	Tiger Rock
Tamilnadu cricket board	Rock
Tamilnadu cricket board	Rainbow
Selam cricket board	Eagle

Match ID	Time	Match ID	Team ID	Team Captain	Team	Team Captain
22-June 2022	1.3	M01	ABs Express	V. Jothan	Ankay Board	Isin
22-June 2022	8.3	M02	Rock	K. Muthu	Tiger	Jethan
22-June 2022	6.3	M03	Rock	S. V. Mani	Rock	V. Jethan
04-Ann 2023	2.3	M04	Rock	Tiger	Tiger	Chil.

Task-5-1

Writing Join queries, equivalent and for recursive queries.

Aim-2 To perform the advanced query processing and test its results using designing of optimised and nested sub queries such as finding summary statistics.

S.1.1 To retrieve all cricket board and the teams.

S.1.2 To select the name of cricket board and the team.

S.2.1 List all matches along with the teams and their captains.

S.3.1 Count the number of matches played each team.

Team	Matches Played
ABs Express	1
Ankay Express	0
Arin Express	1
Kings	0
Eagle	2
Rock	1
Thunder	0
Rock Tiger	1

output

Team ID	Team Name	Coach	Captain	winning event
CLB01	ABS EXPRESS	P. Ramiah	Kumar	1
CLB02	ANA EXPRESS	Karthik	JOHN	0
CLB03	PANTHER	Somo	Sriharsh	1
SCB01	ROA	Tom	John	1

Team ID	Board ID	Name	Coach	Captain
CLB01	B1D01	ABS EXPRESS	Ramesh	Kumar
TCB01	B1D02	A Navy Board	Tom Sagar	John
TRA1B01	B1D03	Rock	L Paul	Mathew

Player ID	Player Name	Age	match ID	Match Date	Time	Result
1	Rui	22	M01	22-June-2012	8:30	WIN
1	Rui	22	M02	22-June-2012	8:11	WIN
1	Rui	22	M03	24-June-2012	8:14	WIN

5.5 TO retrieve all team details including the count of winning matches for each team.

SOL > SELECT t. TeamID, t. Name AS TeamName, t. Coach, t. Captain, count (m.match) AS winning matches from Team, t. left JOIN match m, ON TeamID = group by t. TeamID.

5.6 TO Retrieve the team details who won matches

SQL > SELECT * from team where teamID (Select m. TeamID) from match - result m left join team for m. TeamID = ID where m. result = win).

5.7 TO retrieve player and match details of player who are above 25 years old.

SOL > SELECT p. PlayerID, p. Name AS playerName, Age, matchID, m. match - Date Time, p. Result, playerID, p. match where p. PlayerID in (Select PlayerID from player where Age > 25).

5.8 TO retrieve the details of team who have played any matches

SOL > Select from where TeamID not in (Select TeamID) from match union select player from match).

Player ID	Name	Name	Coach	Captain
VCB01	B1D03	Rishab	Rajesh Kumar	Mary
MCB01	B3D05	Pathan	S A Aravanan	Sunil Kumar
7UCB01	B1D06	THunder	Alex	Barathini
7CB01	B1D08	Kings	Arand	Mathini
Team ID	Board ID	Name	FName	
VCB01	B1B03	Rishab	ganesh.	

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510 to retrieve the team ID, board, team name, and play match.
 for particular played given
 SQL SELECT .+ team ID .+ board + name P. name team
 4. JOIN player P on teamed = P. Team ID with P. Player
 661"

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NO.	5
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	3
RESULT VOCE (5)	3
VIVA VOCE (5)	18
RECORD (5)	
TOTAL (20)	
DATE	

Result Thus, the Spring 2019 events, especially,
 Recursive queries have done successfully.