

25-8

Task 5: writing job a naive equivalent q/d recursive queries

Aim:- To Perform the advanced Query Processing & test its heuristics designing of optimal corrected & nested subqueries such as finding summary statics

1. To retrieve all cricket boards & their teams
2. To list all matches along with the teams & their captains.
3. To count the no. of matches played by each team

4. to find all the player who are part of the team named cc Riger Rock.

5. To retrieve all team details, including the count of winning matches for each team

6. To retrieve the details of team who have not played any matches

7. To retrieve the teamid, boardid, team name Player name for Particular Playerid given

5.1 To retrieve all cricket boards & their teams.

SQL> select c.b Name As Cricket Board +

Name As Team FROM Cricket Board cb

Join Team For cb. Board ID = to Board ID,

Cricket Board

Chennai Cricket Board
 Chennai Cricket Board
 Tirunavallur Cricket Board
 Tirunavallur Cricket Board
 Tiruchy Cricket Board
 Villupputam Cricket Board
 Madhav Cricket Board
 Puricorum Cricket Board
 Selam Cricket Board
 Tiruppur Cricket Board

Team

ABS Express
 AVG Express
 Angry BARD
 Rajer ROCK
 ROCK
 RAIN BOW
 Partner
 Rhunder
 Eagle
 tings

So 2 list all matches along with the teams & their captains.

```
SQL> select m. match - Date, m. time, m. match
        t. name AS team - name, t1. captain AS team1-
        captain, t2. name AS team2 - name, t2 captain
        AS team2 - captain FROM match JOIN team t1
        ON m. teamID = t1 team ID JOIN team t2
        ON m. player ID = t2 teamID
```

5.3 :- Count the no. of matches played each team

```
SQL> select t. Name AS team, Count (mt. teamID
        AS matches played from team + left JOIN
        match mt ON teamID = mt. teamID
        group BY t. Name;
```


Team matches Played

ABS Express	1
Angry Express	0
Ang Express	1
Eagle	1
King	0
Rain Bow	0
Rock	0
Thunder	2
Rider Rock	0


5.8 :- To retrieve Player & match details of Player s who are above 25 Years old.

SAL > SELECT P. PlayerID, P.FName, As Player Name, P.Age, match ID, match - Date, m-time
 1, m Result, From Player P, match m where
 P. Player ID inc select Player ID From
 Player where age > 25);

PlayerID	Player Name	Age	match ID	match Date	Time
1	Raj	27	m01	22-Jun-22	1:3
1	Raj	27	m02	22-Jun-22	8:3
1	Raj	27	m05	4-APR-2023	7:3

5.10 To retrieve the team id, board id, team name
 Player name for Particular Player id given
 SQL > select t.teamid, t.boardid, t.name, p.
 name from team JOIN player -P ON t.
 =D team id WHERE P playerid = '66',

TeamID	BoardID	Name	FName
VCB01	BD D03	Rainbow	Ganesh

VEL TECH-CSE	
EX NO.	5
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	1
RECORD (5)	5
TOTAL (20)	16
SIGN WITH DATE	

Result :-

Thus mean using join queries, search
 alert, or receive queries has been done
 successfully.