

25-8

Task 5:- writing job a various querielst Q/D reasone Querry

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 "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 proved any matches
7. To retrieve the teamId, boardId, team name Player name for Particular Player Id given

5.1 To retrieve all cricket boards & their teams.

SQL select cb.name AS Cricket Board +.
name AS Team FROM Cricket Board cb
JOIN Team FOR cb. Board ID = t. Board ID,

Cricket Board

Team	Team
Chennai cricket Board	ABS express
Chennai cricket Board	Avg Express
Tiruvallur cricket Board	Angry BARD
Tiruvallur cricket Board	Eggers ROCK
Trichy cricket Board	ROCK
Villupuram cricket Board	RAIN BOW
Madras cricket Board	Part ney
Tiruchirapalli cricket Board	Thunder
Selam cricket Board	eagle
Cirrupur cricket Board	Rings

5-2 List all matches along with the teams & their captains.

SQL> select m.match_id, Date, m.time, m.match_id, t1.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.team1_ID = t1.team_ID JOIN team t2 ON m.player_ID = t2.team_ID

5-3 - Count the no. of matches Played each team

SQL> select t.name AS team, count(mt.team_ID) AS matches Played from team t LEFT JOIN match mt ON team_ID = mt.team_ID GROUP BY t.name;

Team	matches Played
ABS Express	1
Angry Express	0
Avg Express	1
Eagle	1
King	0
Rain Bow	0
ROCK	
Thunder	2
Roger Rock	0

Q-8 :- To retrieve player & match details
of players who are above 25 years old.

SQL > ~~Select~~ P. PlayerID, P.F Name, As Player
Name, P.Age, match ID, match - Date, m.Time
, 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-2023	1:30
1	Raj	27	m02	22-Jun-2023	8:30
1	Raj	27	m05	4-APR-2023	7:30

5.10 To retrieve the teamId, 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.teamid = P.playerid WHERE P.playerid = '66';

TeamID	BoardID	Name	FName
NCB01	BFI DO3	Rainbow	Ganesh

Task 6:-
AIM:-

1. W

2.

3.

VEL TECH - CSE	
EXNO.	5
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	1
RECORD (5)	5
TOTAL (20)	16
SIGN WITH DATE	✓

Result :-

This means using JOIN queries, COUNT query, or SELECT queries has been done successfully.