

18/ 9/25

Task-4 :- using Function in queries and writing sub queries.

Align to perform the advanced query processing and test its heuristics using designing of optim algorithms. queries as find summary statistics.

1. To retrieve all team details including the count of winning matches for each team.
2. To retrieve the total number of "tie" matches in team-wise manner.
3. To retrieve the team details who won matches.
4. To retrieve players and match details of players above 25 years old.
5. To retrieve the details of team who have not played any matches.
6. To retrieve the teamid, board, teamname, and playername for a particular playerid.

4.19

```
SQL > SELECT t.TeamID, t.Name AS TeamName, t.Coach,
+ coachID, count(m.matchID) AS winningMatchCount FROM
+ Team t, LEFT JOIN Match m ON t.TeamID = m.substID (m.result < 1.5)
GROUP BY teamID
```

4.2.1 To retrieve the total number of tie matches in a team-wise manner.

SQL \rightarrow SELECT t.Name AS Team Name, count(*), AS Total
 tie matches FROM Team t JOIN match - result m ON t.TeamID
 = TeamID JOIN match - result m ON t.TeamID = m.matchID
 = tie group By. t.Name.

Team Name	Total tie matches
Rock	1

Team ID	Team Name	Coach	Captain	winning match.
LCB01	ABS Express	G. D. Ramesh	Saravathi bharath	0
LCB02	AVN express	T. Karthick	Y. Jothn	0
MCB01	Panther	Saravanan	R. Sunil Kumar	0
SCB01	Eagle	Sonu	Sri Hari	0
TLB01	Angry Bard	Tom Bachu	Chinil John	2
TCB01	Tiger Rock	S. Kannan	Ben George	0
TLB01	Kings	D. Anand	Mathew	0
VCB01	Rain Gods	S. Anush kumar	mainamadan	0

SIGN WITH DATE	1
TOTAL (50)	2
RECORD (2)	3
AREA CODE (2)	4
RECORD AND NUMBER (2)	5
REFERENCE (2)	6
EX NO.	7
REF. TECH - C2E	8

trübe der adoration der personen
von christen, jüden u. m.
glaubwürdigen lehrern und
denen in der art

4.4.70 viewers players and match details players who

SQL > select P.PlayerID, P.FName As playerName, P.Age,

SQL > SELECT * FROM m, p WHERE m.mathID = p.mathID AND m.playerID = p.playerID

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

played any matches.
 Sal \rightarrow select + from team where
 from match union select from
 match';
 team ID not in (select team

46 To retrieve the team ID, household, team name, and player name for a particular player given.

sal > select t.teamid t.board , t.name p.name from team t join player p on t.teamid = p.teamid where playerid > 60;

VEL TECH - CSE	
EX NO.	4
PERFORMANCE (%)	5
RESULT AND ANALYSIS (%)	3
VIVA VOCE (%)	5
RECORD (%)	18
TOTAL (20)	
SIGN WITH DATE	21

Result thus, the query using John and writing subqueries has been done successfully.