

10/10  
task 7) Using function to generate a summary  
subcategory

Aim To Perform advance query Processing  
& test it for the utilities in design in goto  
connected & nested sub queries such as  
finding summary stats.

1. To retrieve all teams details, including the count of winning matches for each team.
2. To retrieve the total no. of 'tie' matches in a team-wise manner
3. To retrieve the team details who won the matches
4. To retrieve players & match details of players who are above any matches.
- 4.1 :- To retrieve all team details, including the count of winning matches for each team

SAL> select t.TeamID, t.Name AS TeamName,  
f.Coach, f.Captain, count(m.MatchID) AS winning  
match count from Team t left join  
Match m ON team ID = substr(m.Result  
match, 1, 2) = substr(t.Name, 1, 2)

1,5) Group By t.TeamID, t.Name, f.Coach  
& Captain.

Output:-

Team ID	Team Name	Coach	Captain	Winning Match
CC BO1	ABS EXPRESS	D. RAMESH	SAPTHA KUMAR	1
CC BO2	ANG EXPRESS	R. KARTHIK	V. JITHIN	0
MC BO1	PAN TERR	SARAVANA	R. SUNIL	0
SC BO1	EAGLE	SOMU	SAPTHAKI	0
RC BO1	Angry Bird	Ram Babu	C. NIL JOHN	0
TC BO2	Roger ROCK	S. Kannan	BEN GEORGE	0
TC BO1	KING'S	D. ANAND	MATHAN	0
ERG BO1	ROCKS	I.K. PAUL	M. MOHAN	0
TUC BO1	thunder	D. ALEX	BASATHI	0
UC BO1	Rainbow	S. RAJESH	MANIRAVAN	0

4.2:- To retrieve the total no. of tie matches in individual team wise manner.

SQL> SELECT TeamName AS Team Name, COUNT AS Total Tie Matches FROM Team JOIN MatchResult ON MatchID JOIN MatchResult WHERE Result = 'TIE' GROUP BY TeamName

Team  
ROCK

Total Tie matches

1

4.3: To Retrieve the team details who won the matches.

SQL > Select \* from team where team ID in  
 (select Mr. team ID from match-result Mr.  
 left join team t on Mr.team -ID = t.team  
 ID where Mr. result = 'win');

TeamID	BoardID	Name	coach	Captain
CC Bol	BID01	ABS express	G.D.Ramesh	SAMPATH
TC Bol	BID02	Angry Bird	Rombabu	CPN@1
RRTBol	BID04	ROCK	K.Paul	K.muthu

Q.U:- To retrieve players & matches details  
 of players who are above 25 years old

SQL > Select P.PlayerID, P.Fname as Player  
 Name, D.Age, match ID, m.Match-Note, m.Rimes  
 FROM Player P, match m where P.  
 M.Result FROM Player P, match m where P.  
 PlayerID in select Player ID from Player  
 where age > 25;

PlayerID	PlayerName	Age	MatchID	Date-of-Birth
1	Raj	27	m01	22-Jun-22
1	Raj	27	m02	22-Jun-22
1	Raj	27	m03	22-Jun-22
1	Raj	27	m04	22-Jun-22
1	Raj	27	m05	22-Jun-22

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

```
SQL> Select * from team where teamId no  
in select teamId from match union Select  
Player ID from match);
```

VEL TECH - CSE	
EX NO.	
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	0
RECORD (5)	5
TOTAL (20)	15
SIGN WITH DATE	AB

Result :-

Thus, the query using Points & writing sub queries has been done successfully.