Task-5: writing soin duency, equivalent and or recursive

Aim: To Perform the advanced query Processing and test its hearistics using designing of optimular elated and nested sub queries such as finding summary statistiq. 5.1: To refrieve all cricket boards and their teams. 5.2: To lift all matches along with the teams and their captains. 53: To count the number of matches played by each team. 54: To find the players who are part of the team named "Tiger Rock". 5.6: To refeive all team details. Including the count of winning

matches for each team.

5.6: To retrive the total number of The matches in a team - wise mannon.

5.7: To retoieve the team details who won the matches.

58: To refrere details of Team who have not played any mater

5.9: To retain the players and match details of players who one above 25 years of.

5.10: To retrieve the team id, board id, teamname and Player name for a Particular Player 10 given

5.1: To retrieve all cricket 8 sounds and their feam. SOLD select cb. name As cricket Board, t. Name As Team from cricket board join Jeam ton Cb. Board ID = + Board ID;

cricket Board Team. cricket board Team chennai cricket board ABS EXP. Viliporam cricket Rainboa AVG EY madurai Board Pantho. chennal cricket board Tirsuraller cricket boord Angry Bird selam cricket eagle Trichy cricket Board Rock. Tirupper cricket Kings.

5.2: List all matches along with the teams and their

SQL > select m. match _ Date, m. time 1, m. match D. f. name, As fear 1 - name, to captain. As team 1 - captain. to more At team 10 = to seam 10 join team to ON m. Player D=to may the body (24 hours

rice is	and the second second second second	-	Annual residence in the second second second second	Manager Control of the Control of th	The automotive of the second state of the second	The state of the contract of the state of th	
The second	match Date	Timer	match ID	Team! "- Name	Team 1-	Team 2 -	Tieam ?
	22-6-22	. 1.3.02	mon	ABS EXP	sam Padh	Angry	John
	22-6-22	8.3	MO2	AUG EXP	John	Tigoro	gen
	24-6-22	8.3	MOZ	Rock	mutho	Angry	701
	25-6-22	8.3	mou		motho		
	μ-4-23	73	No.	10 2H/2	A CANALAN	Tr earl	REO
-	φ-q-23	1 + 3	M05	eagle	sribari	AVG GP	KJohn.

53 count the number of matcher played each team. sol > select timame As Team, count As matches Played from from t. LEFT Join match mt oN t. Team 13 = mt. Team1D Group By 4- Name;

Team	matches Played	Team	motoley played.
ABS Express	723	Panthon	700
77.73	st. 10 homes	Rambow	20000
AVG Expres	a pertil me	Rock	2
eagle kings	Source and	hunder Tiger Rock	0

5.4. To And all the Players who are Part of the fear named 'Tiger Rock! sal > select p. playor: 10, p. frame, p. feamid, t-coach, t. captur form. Play on P Join team + ON Proteam D - f. team finame = Tigen Rock

Playor ID	FName	Teamid	coach	captain
102	Algash,	TC BOL	S. Kannon	Ben george
12	Pæm	TLBOL	s. kannan	Ben george

5.5: To setrieve all form defails, Including the count of for each team. winning Matches

SRL > select t. Team 10, trame As Team Name t. coach, t captain, court (mimatch 10) As winning match could Soom + left join match mon li feam 10 = subst (m result. F.s) Group By + team ID, frame troach + captain;

IBS EXPYENT ANG EXPAN	rameth	sampath	The same and the same of	ming con	
NUG EXPON		and I com		All of the concessions	
I had por yell . In	T. Karthik	John	0	ird	4
Panther	Sasalana	Risonil	o	100	ļ
engle	Somo	sri hari	0	ing	ř
Irgay Bird	Tom	John	2	in the	
Jugen .	s-kanan	Benga	0	Markey .	
Kings	D. Anand	mathon	oine	Athen.	men of
manner.	me As Tea	m Name , c	ount (a)	As Tot	مل
tch xexult	mt on t	: Gh 10 = m.	match 12	am ID i	oin
	engle Ingry Bird relive the manner elect + Na thes from the result	refive the fotal numbers from Team + they from Team + they result mt on the team of the team to the	Engle Some sri hand Ingry Bird Tom John Tigen Stanan Ben Kings Di Anand mathan retive the fotal number of Tie manner. elect + Name As Team Name, c thes from Jeam + the row on time and the second of	Engle Somo srihani o Ingry Rird Tom John 2 Trigen S. Kanan Ben o Kings D. Anand mathan o retive the fotal number of Tie matches manner. elect + Name As Team Name Count (1) thes from Jeam + the result mt on the Team ID = mt-Team the result mt on the Team ID = mt-Team the result mt on the Team ID = mt-Team the result mt on the Team ID = mt-Team Team Team Team ID = mt-Team Team Team Team ID = mt-Team Team Team Team Team ID = mt-Team Team Team Team Team ID = mt-Team Team Team Team Team Team Team Team Team	EAGLE Somo Srihow 0 Ingry Bird Tom John 2 Tigen S. Kanan Ben o Kings D. Anand mathon o retire the fotal number of Tie matches in a remarker. elect + Name As Team Name - Count (1) As Tot

Team Name Total Tie Rock

won the matches 5.7: To se trive the team defails who SOL > select + from -feam where Team 10 in (select mr. Teams) feam ton mritam ID = from match_ result mr left join team D where mr. result = 'win'):

Team ID	Board 10	Name.	coach	captain.
CCBOI TCBOI		ARS EXP Angry BIRD ROCK	The state of	The The

5.8: To retrieve players and match details of players who are above 25 years old. SOL > select p. player D, PF Name As player Name, PAge, m-matchip, m. match Date, m. Time 1, m. soult from player? match in where p. player 10 in (select 10 from player where age >25);

Hoofes	rioges nume	A9e	1D	MATCH DOQ	Time !	Yes olf
١	Raj	27	mol	22 - Jun-22	1.3	1c301-10
4	Raj	27	m02	22 - jon 22	8-3	ccBolan,
	Raj	27	mo3	24-jun 22	8-3	JCBOL-W.
-1	Raj	27	moy	25-jun 22	8-3	TRICBOLD
1	Raj	27	mos	4-APY-23	7-3	Tie.

5.9: To refrieve the details of Tearn who have not Played. SOL > select & from team where team ID not in (select team) from match onion select played from match);

Team 10	Bood 1D	Name	coach	captain.
VC801	B1203	Rain bow	S. rajeth	manimaran
MCBOI	BIDO5	Panthen	sona Vanan	sonil Kumar Barathi
TUCBOI	BID06	Thunder	Alex	mathan.
TICBOI	B1203	King	Anan d	marnum.

sac > select + teamid, t-boardid, t-name, P. Frome team + join player P on t-teamide = P. teamid 5.6: p played = 'cc';

ream 10	Board D	Name	7 Name	1
VCB01	\$1003°	nici Rainbow	Ganeth.	



Time

wing join ouvriu equivalent and/or has been done succerefully. recursive