SQL> SELECT cb.Name AS CricketBoard, t.Name AS Team FROM CricketBoard cb JOIN Team t ON cb.BoardID = t.BoardID;

CRICKETBOARD TEAM

------------------------------ ------------------------------

Chennai Cricket Board ABS EXPRESS

Chennai Cricket Board AVG EXPRESS

Tiruvallur Cricket Board ANGRY BARD

Tiruvallur Cricket Board TIGER ROCK

Tuticorin Cricket Board THUNDER

Selam Cricket Board EAGLE

Tiruppur Cricket Board KINGS

Viluppuram Cricket Board RAINBOW II

Viluppuram Cricket Board VILLUPURAM CRICKET TEAM

Trichy Cricket Board ROCK

10 rows selected.

SQL> SELECT m.match\_Date, m.Time1, m.matchID, t1.name AS team1\_name, t1.captain AS team1\_captain, t2.name AS team2\_name, t2.captain AS team2\_captain FROM match m JOIN team t1 ON m.teamID = t1.teamID JOIN team t2 ON m.playerID = t2.teamID;

SELECT m.match\_Date, m.Time1, m.matchID, t1.name AS team1\_name, t1.captain AS team1\_captain, t2.name AS team2\_name, t2.captain AS team2\_captain FROM match m JOIN team t1 ON m.teamID = t1.teamID JOIN team t2 ON m.playerID = t2.teamID

\*

ERROR at line 1:

ORA-00904: "M"."TEAMID": invalid identifier

SQL> desc Match;

Name Null? Type

----------------------------------------- -------- ----------------------------

MATCHID NOT NULL VARCHAR2(10)

TEAMID1 VARCHAR2(6)

TEAMID2 VARCHAR2(6)

MATCH\_DATE DATE

TIME1 NUMBER

RESULT VARCHAR2(20)

SQL> SELECT m.MATCHID, m.MATCH\_DATE,m.TIME1,t1.NAME AS TEAM1\_NAME,t1.CAPTAIN AS TEAM1\_CAPTAIN,t2.NAME AS TEAM2\_NAME, t2.CAPTAIN AS TEAM2\_CAPTAIN,m.RESULT

2 FROM MATCH m JOIN TEAM t1 ON m.TEAMID1 = t1.TEAMID JOIN TEAM t2 ON m.TEAMID2 = t2.TEAMID;

MATCHID MATCH\_DAT TIME1 TEAM1\_NAME

---------- --------- ---------- ------------------------------

TEAM1\_CAPTAIN TEAM2\_NAME

------------------------------ ------------------------------

TEAM2\_CAPTAIN RESULT

------------------------------ --------------------

M01 22-JUN-22 1.3 ABS EXPRESS

SAMPATH KUMAR ANGRY BARD

CINIL JOHN TCB01 - WIN

M03 24-JUN-22 8.3 ROCK

K.MUTHU ANGRY BARD

CINIL JOHN TCB01 - WIN

MATCHID MATCH\_DAT TIME1 TEAM1\_NAME

---------- --------- ---------- ------------------------------

TEAM1\_CAPTAIN TEAM2\_NAME

------------------------------ ------------------------------

TEAM2\_CAPTAIN RESULT

------------------------------ --------------------

M02 22-JUN-22 8.3 AVG EXPRESS

Y.JOHN TIGER ROCK

BEN GEORGE CCB01 - WIN

M04 25-JUN-22 8.3 ROCK

K.MUTHU TIGER ROCK

MATCHID MATCH\_DAT TIME1 TEAM1\_NAME

---------- --------- ---------- ------------------------------

TEAM1\_CAPTAIN TEAM2\_NAME

------------------------------ ------------------------------

TEAM2\_CAPTAIN RESULT

------------------------------ --------------------

BEN GEORGE TRICB1 - WIN

SQL> SELECT t.Name AS Team,COUNT(m.MatchID) AS MatchesPlayed FROM Team t

2 LEFT JOIN Match m ON t.TeamID IN (m.TeamID1, m.TeamID2) GROUP BY t.Name

3 ORDER BY MatchesPlayed DESC;

TEAM MATCHESPLAYED

------------------------------ -------------

TIGER ROCK 2

ANGRY BARD 2

ROCK 2

AVG EXPRESS 1

ABS EXPRESS 1

VILLUPURAM CRICKET TEAM 0

RAINBOW II 0

KINGS 0

EAGLE 0

THUNDER 0

10 rows selected.

SQL> SELECT p.playerID, p.fname, p.teamID, t.coach, t.captain FROM player p JOIN team t ON p.teamID = t.teamID WHERE t.name = 'TIGER ROCK';

PLAYER FNAME TEAMID COACH

------ ------------------------------ ---------- ------------------------------

CAPTAIN

------------------------------

102 Akash TCB02 S.KANNAN

BEN GEORGE

12 Premkumar TCB02 S.KANNAN

BEN GEORGE

SQL> SELECT t.TeamID, t.Name AS TeamName, t.Coach, t.Captain, COUNT(m.MatchID) AS WinningMatchCount FROM Team t LEFT JOIN Match m ON t.TeamID = substr(m.result,1,5) GROUP BY t.TeamID, t.Name, t.Coach, t.Captain;

TEAMID TEAMNAME COACH

---------- ------------------------------ ------------------------------

CAPTAIN WINNINGMATCHCOUNT

------------------------------ -----------------

TCB01 ANGRY BARD TOM BABU

CINIL JOHN 2

CCB01 ABS EXPRESS G.D.RAMESH

SAMPATH KUMAR 1

TICB01 KINGS D ANAND

MATHAN 0

TEAMID TEAMNAME COACH

---------- ------------------------------ ------------------------------

CAPTAIN WINNINGMATCHCOUNT

------------------------------ -----------------

TRICB1 ROCK K.PAUL

K.MUTHU 0

CCB02 AVG EXPRESS T.KARTHIK

Y.JOHN 0

VCB01 VILLUPURAM CRICKET TEAM RAJESH

KUMAR 0

TEAMID TEAMNAME COACH

---------- ------------------------------ ------------------------------

CAPTAIN WINNINGMATCHCOUNT

------------------------------ -----------------

TCB02 TIGER ROCK S.KANNAN

BEN GEORGE 0

TUCB01 THUNDER D ALEX

BARATHI 0

SCB01 EAGLE SOMU

SRI HARI 0

TEAMID TEAMNAME COACH

---------- ------------------------------ ------------------------------

CAPTAIN WINNINGMATCHCOUNT

------------------------------ -----------------

VCB02 RAINBOW II S.RAJESHKUMAR

MANIMARAN 0

10 rows selected.

SQL> SELECT t.Name AS TeamName, COUNT(\*) AS TotalTieMatches FROM Team t JOIN Match m

2 ON (t.TeamID = m.TeamID1 OR t.TeamID = m.TeamID2) WHERE m.Result = 'Tie' GROUP BY t.Name;

no rows selected

SQL> SELECT DISTINCT t.\*FROM Team t LEFT JOIN Match m ON t.TeamID = m.TeamID1 WHERE m.Result LIKE t.TeamID || '%WIN%' UNION SELECT DISTINCT t.\*FROM Team t LEFT JOIN Match m ON t.TeamID = m.TeamID2 WHERE m.Result LIKE t.TeamID || '%WIN%';

TEAMID BOARDID NAME

---------- ---------- ------------------------------

COACH CAPTAIN

------------------------------ ------------------------------

TRICB1 BID04 ROCK

K.PAUL K.MUTHU

TCB01 BID02 ANGRY BARD

TOM BABU CINIL JOHN

SQL> SELECT p.PlayerID,p.FName AS PlayerName, p.Age, m.MatchID,m.Match\_Date, m.Time1,m.Result FROM Player p JOIN Player\_Matches pm ON p.PlayerID = pm.PlayerID

2 JOIN Match m ON pm.MatchID = m.MatchID WHERE p.Age > 25;

no rows selected

SQL> SELECT PlayerID, FName, Age FROM Player WHERE Age > 25;

PLAYER FNAME AGE

------ ------------------------------ ----------

1 Raj 27

SQL> SELECT \* FROM Player\_Matches;

MATCHID PLAYERID

-------------------- --------------------

m1 p1

m1 p2

m2 p1

m3 p2

m3 p1

SQL> SELECT \* FROM Match;

MATCHID TEAMID TEAMID MATCH\_DAT TIME1 RESULT

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M01 CCB01 TCB01 22-JUN-22 1.3 TCB01 - WIN

M02 CCB02 TCB02 22-JUN-22 8.3 CCB01 - WIN

M03 TRICB1 TCB01 24-JUN-22 8.3 TCB01 - WIN

M04 TRICB1 TCB02 25-JUN-22 8.3 TRICB1 - WIN

SQL>