

### Task-3:- using clauses, operators and function in queries.

#### Aim:-

to perform the query processing on database for different for different retrieval results of queries, using DML, DDL operations using aggregate, data, string, Input functions, set clauses and operators.

- ★ To retrieve the location of a particular match conducted by the match ID.
- ★ To retrieve the players details whose name starts with "A".
- ★ Add a column batting and bowling in players table.
- ★ To count the number of right-hand batsman in a team.
- ★ To display the circuit Board details for the Board ID's 'B1001', 'B1003' and 'B1006'.
- ★ To select the names and ID's of players who are left-hand bats.
- ★ To find the umpires who have not umpired any matches.

#### Circuit Board:-

Board-ID	Name	Address	Contact -NO
B1001	Chennai cricket Board	Chennai	9988776699
B1002	Tiruvallur cricket Board	Chennai	9977664411
B1003	Villuppuram cricket Board	Villuppuram	911447766
B1004	Tiruchy cricket Board	Tiruchy	9999114477
B1005	Madurai cricket Board	Madurai	887412346
B1006	Tuticorin cricket Board	Tuticorin	9944776611
B1007	Salem cricket Board	Salem	9977551166
B1008	Tiruppur cricket Board	Tiruppur	9911446655

#### Team:-

Team-ID	Board-ID	Name	Coach	Captain
CCB01	B1001	ABS Express	G.O. Vaneesh	Sarpathi Kumar
CCB02	B1007	AVG Express	T. Karthik	J. JOHN
TCB01	B1002	Angry Bird	Tom RABU	Civil JOHN

TCB02	BID02	Tiger	Sheek	S. Kanna	Ben George
TRCB01	BID04	Rock		K. Paul	K. Mathu
VCB01	BID03	Wair Bow		S. Rajeshkumar	HANT HARAN
TCB01	BID05	Panther		SARAVANAN	R. Suvil Kumar
TUCB01	BID06	Thunder		D. ALEX	B. Anitha
SCB01	BID07	Eagle		SOLLI	S. Hasi
TICB01	BID08	Kings		D. ANAND	mathan

Player:-

Player ID	Team	Score	Age	Date of Birth	Position	Email	Contact No	Refining	Rolling
1	CCB01	Raj	N	27	24/12	Basler	vaj@gmail.com	919191911	WULL
33	CCB01	Daraji	D	23	21/11	Basler	Daraji@gmail.com	9292929292	R-H
2	CCB02	Kishu	R	27	2/7	Basler	kishu@gmail.com	9393939393	WULL
18	CCB02	Kilore	K	24	16/7	Basler	kishu@gmail.com	9494949494	L-H
19	TCB01	Karizk	K	24	21/7	Basler	kishu@gmail.com	9595959595	WULL
62	TCB01	Amay	T	22	21/7	Basler	Amay@gmail.com	9696969696	R-H
62	TCB02	Alkali	G	25	24/7	Basler	Amay@gmail.com	9797979797	R-H
12	TCB02	Prem	S	21	01/8	Basler	Prem@gmail.com	9898989898	WULL
1	VCB01	Prem	V	23	01/4	Basler	Prem@gmail.com	9999999999	L-H
21	VCB01	Kali	T	21	11/4	Basler	Kali@gmail.com	7777777777	R-H
61	VCB01	Kamala	A	22	21/1	Basler	Kamala@gmail.com	7272727272	WULL
66	VCB01	ganes	V	24	21/1	Basler	ganes@gmail.com	7373737373	WULL
33	TCB01	Anu	T	24	21/8	Basler	ganes@gmail.com	7474747474	WULL
33	TCB01	Srinu	N	24	21/8	Basler	Srinu@gmail.com	7575757575	WULL



match

match	TeamID	TeamID	Match - Date	Time	Result
M01	CCD01	TCDD1	22-jun-22	1:30	TCDD1-win
M02	CCD02	TCDD2	22-jun-22	8:30	CCD01-win
M03	TRICD01	TCDD1	24-jun-22	8:30	TCDD1-win
M04	TRICD01	TCDD2	25-jun-22	8:30	TRICD01-win

Ground:-

Ground ID	match ID	Name	Location	Capacity
G1D01	M01	veeru	Chennai	10000
G1D02	M02	GK	Coimbatore	1000
G1D03	M03	Sankar	Nellai	6000

Umpire:-

UmpireID	F Name	Uname	Age	DOB	Country	Email	Contact No
UID01	venkatesh	T	45	21-jun-78	India	venky@gmail.com	966645594
UID02	venkatesh	R	46	1-jun-79	India	venky@gmail.com	9192939495
UID03	Sonu	K	47	1-jun-83	India	sonu@gmail.com	8877445544

Umpire - umpired:-

UmpireID	match ID	Umpire ID
UID01	M01	G1D01
UID02	M03	G1D02

3.1:- To determine the location of a particular match conducted by its match ID SQL select location from ground where match ID = 'M03'.

3.2:- To retrieve the players details whose name starts with 'A' SQL  
select from players where F Name like 'A%';

Player ID	Team ID	F Name	L Name	Age	DOB	Playing role	Email
62	TR101	Anur	J	22	21-Sep-98	Batsman	Anur@gmail.com
101	TR102	Akash	G	21	26-Sep-99	Batsman	Akash@gmail.com
303	TR103	Anu	T	24	21-Oct-98	Batsman	Anu@gmail.com

3.3:- Add a column Batching and Bowling in player table.

SQL > Alter table player add Batching varchar(10);

Table Altered

SQL > Alter table player add Bowling varchar(6);

Table Altered.

3.4:-

TO Count the number of right-hand Batsman in a team

SQL > select count(\*) from player where Batching = 'right-hand';

Result:-

Count (*)
9

3.5:- TO display the cricket Board details for the Board IDs  
'B1001', 'B1003', and 'B1006'

SQL > select \* from Cricket Board where Board ID in  
(B1001, B1003, B1006);

Board ID	Name	Address	Contact No.
B1001	Chennai Cricket Board	Chennai	988776699
B1003	Viluppur Cricket Board	Viluppur	9966186699
B1006	Tuticaurin Cricket Board	Tuticaurin	9933886699

3.6:- TO select the names and IDs of players.

Left-hand Batters

SQL > select player ID, F Name, L Name, from player

Row 1: 1 left-hand;



Umpire ID	F Name	L Name
1	Raj	N
18	Kishore	K
1	Prem	V

3.7:- TO Find the Umpire ID of umpires who have not umpired any match.

SOL > select a umpire ID from Umpire ID not In (Selected Umpire ID from Umpire - umpired);

Result:-

Umpire ID
U1003

VEL TECH - CSE	
S. NO.	
PERFORMANCE (5)	25
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	5
TOTAL (20)	40
SIGN WITH DATE	

Result:- Thus the query processing on database for different retrieval result of query using clauses, operations and functions in queries, has been performed successfully.