

Aim: To Perform the Query Processing on database for different retrieval results of queries asking DML, DDL operations using aggregate, date, string, Inherit. function set clauses and operations.

Cricket Board:

Board ID	NAME	Address	contact-No.
BID01	chennai cricket Board	chennai	9988776699
BID02	Tiruvallur cricket Board	Tiruvallur	9977664611
BID03	villi cricket Board	Villi	9911447766
BID04	Trichy cricket Board	Trichy	9999114477
BID05	Tom cricket Board	Tom	887412346
BID06	madurai cricket Board	madurai	9944776611
BID07	selam cricket Board	selam	9977551166
BID08	Tiruppur cricket Board	Tiruppur	9911446655

Team:

Team ID	Board ID	Name	Coach	captain
CCB01	BID01	ARS EXP	Rameth	sampath
CCB02	BID04	AVA EXP	T. Karthik	Y. John
TCB01	BID02	Angel Bird	Tom	Civil John
TCB02	BID04	Tiger shock	S. Kannan	George
TRICB01	BID05	Rock	K. Paul	Ben
NCB01	BID06	rainbow	S. Rajesh Kumar	MANI
MCB01	BID07	Panther	SARAVANAN	Sonil
TUCB01	BID08	Thunder	D. Alex	Bharthi
SCB01	BID08	Eagle	SOMU	Sriharsh
TICB01	BID08	Kings	D. ANAND	mathan

Ground:

Ground ID	Match ID	NAME	Location	capacity.
GID01	M01	Nehru	Chennai	10000
GID02	M02	GK	Coimbatore	1000
GID03	M03	Sankar	Wella	6000

Player:

Player ID	Team ID	FName	LNAME	Age	Date of Birth	Role	Email	Contact NO	Batting	Bowling
1	CCB01	Raj	N	27	29/1/26	Bowler	raj@gmail.com	91919191	null	null
33	CCB01	Balaji	D	23	21/1/99	Batsman	Balaji@gmail.com	92929292	R-H	R-H
2	CCB02	Krishna	R	23	27/7/98	Bowler	Krishna@gmail.com	93939393	null	L-H
18	CCB02	Kishore	K	24	14/7/98	Batsman	Kishore@gmail.com	94949494	R-H	null
19	TCB01	Karthik	K	24	21/7/99	7 (Noob)	Karthik@gmail.com	95959595	L-H	null
62	TCB02	Aman	J	22	11/7/99	Batsman	Aman@gmail.com	96969696	R-L	null
1	VCB01	Prem	V	23	13/4/97	Bowler	Prem@gmail.com	97979797	null	R-H
21	VCB01	Kali	J	21	11/4/02	Batsman	Kali@gmail.com	98989898	R-H	null
61	VCB01	Kamalesh	A	22	21/1/01	Batsman	Kamalesh@gmail.com	99999999	R-H	null
86	VCB01	Ganesh	V	24	21/6/99	Batsman	Ganesh@gmail.com	73737373	R-H	null

Match:

Match ID	Team ID	Team ID	Match Date	Time	Result
M01	CCB01	TCB01	22-jun-22	1:30	TCB01-win
M02	CCB02	TCB02	22-jun-22	8:30	CCB01-win
M03	TRCB01	TCB01	24-jun-22	8:30	TCB01-win
M04	TRCB01	TCB02	25-jun-22	8:30	TRCB01-win

Umpire:

Umpire ID	FName	LName	Age	Dob	contact No.
UID01	Venky	T	43	2/06/78	9664455911
UID02	Muni	R	46	1/01/79	9742956472
UID03	Som0	K	42	1/6/83	8453218642

Umpire - umpired:

Umpire ID	match ID	match ID
UID01	M01	GID01
UID02	M03	GID02

3.1: To retrieve the location of a Particular match conducted by
i.e match ID SQL > select location from ground where
match ID = 'M03';

Result: Location wellal.

3.2: To retrieve the players details whose name start with
'A' SQL > select * from player where FName like 'A%';

3.3: Add a column Batting and Bowling in player.
Table SQL > Alter table player add Batting varchar(10);
Table Altered.

SQL > Alter Table player add Bowling varchar(10);
Table Altered.

3.4: To count the number of right-hand batsman
in a team.

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

Result:

count(*)
9

3.5: To display the cricket Board details for the Board
IDs 'BID01', 'BID03', and 'BID06'.

SQL > select * from cricket Board where Board ID in
(BID01, BID03, BID06);

Board ID	Name	Address	Contact No
BID01	Chennai cricket Board	Chennai	9987766998
BID03	Villiporam " "	Villiporam	9966886699
BID06	Tiruvallur " "	Tiruvallur	9933886699

3.6: To select the names and IDs of Players who are left-hand Bowlers

SQL > select player ID, FName, LName from player
where Bowling = 'left-hand';

Player ID	FName	LName
1	Raj	N
18	Kishore	K
1	Prem	V

3.7) To find the umpire ID of umpires who have not umpired any match.

SQL > select a. umpire ID from umpire ID not
In (select umpire ID from umpire - umpired);

Result:

umpire ID
UID03

NO	MARKS
1	3
2	5
3	5
4	5
5	5
6	5
7	20

Result:

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