

Date: 6/2/25
Task-6

Triggers, Views & Exception

AIM :-

To automatically perform an action whenever a specific event (Insert, Update, Delete) occurs on a sports management and create a virtual table that shows filtered data from one or more tables.

ALGORITHM :-

- 1) Identify base table on which you to work.
- 2) for view:
 - Decide which part of data to be displayed.
 - Write select query for that data.
 - Write select query for that data.
 - Create view using create view view-name as select.
- 3) for triggers:
 - Choose table and event that activate the trigger.
 - Create trigger using create trigger.

Sql > Select * from teams;

OUTPUT :-

Coach ID	Team-name	Team-ID
101	Riders	1
121	Joggers	2
137	Hammers	3

1) Create view :-

Sql > Create view TeamID view as

Select Coach ID, Team-name as T name,
Count (*) as Team-count from team;

Sql > Select * from team;

Coach ID	T name	Team- Count
101	Riders	1
121	Joggers	1
137	Hammers	1

2) Create Triggers :-

Sql > Create trigger tog-playerId check before
insert or update on employees for each row
begin

```

if New-player-id < 300 then
    Signal SQL State '4501'
    Set message-text = 'Player ID
        must be at least 300';
    End IF;
END;

```

Sql > insert into players values (101, 'Sanjay',
 'Joggers', 450)

OUTPUT :-

Error 1664 (4500) : Salary must be at least
3000.

Sql > insert into players values (101, 'Sanjay',
 'Joggers', 300);

OUTPUT :-

1 row inserted;

Sql > Select * from players;

Coach ID	Player name	Team name	PID
101	Sanjay	Joggers	300
107	Jitesh	Pandits	250
119	Mohan	Jaat's	101

VEL TECH	
EX NO.	6
PERFORMANCE (5)	3
RESULT AND ANALYSIS (5)	3
VIVA VOCE (5)	5
RECORD (5)	1
TOTAL (20)	16
SIGN WITH DATE	16/10/18

RESULTS:- Thus, implementation of triggers and views on sports management database has been successfully verified.

