

Date: 16/05/25

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 table.

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 Tname,  
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 trg-playersId check before  
insert or update on employees for each row  
begin

```

if New - player Id < 300 then
  Signal Sql State '4SD'
  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	Jacks	101

VEL TECH	
EX NO.	6
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	5
TOTAL (20)	25
SIGN WITH DATE	10/11/20

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

