Triggers and views

Aim : To automatically perform an action observer a specific event (Insert, Update, Delete) occurs on a sports management system & create a virtual table that shows filtered data from one or more table.

Algorithm :

1) Identify base table on which to work.

2) For view : decide part of database to be duplicated.

→ write select query for that data

→ create view using create view-name as select.

3) Trigger :

→ choose table & event that activate the trigger.

→ create trigger using create trigger.

Sql> Select * from teams;

Output:

COACH-ID	TEAM-NAME	TEAM_NAME
101	Riders	1
102	Joggers	2
137	Hammers	3

① Create View
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SQL> create view TeamID view as select CoachID,
Team name, as Tname, count(*) as Team -count
from Team;

SQL> select * from teams;

COACH ID	T NAME	team_count
101	Riders	1
121	Joggers	1
137	Hammers	1

② Create Trigger:

Sql> Create Trigger trg-player_ID check before insert
or update on Employees for each row begin.
if NewplayerID <300 then
signal sqlstate '450'
set message-text = "Player 10"
mustbe atleast '300';
end IF;
End;

sql> select from table players;

COACHID	Player Name	Team Name	PID
107	Sanjay	Joggers	300
101	Jitesh	Pandits	250
119	Chodulal	Players	101

Result:

The implementation of trigger view on sports management database has been successfully verified.