Task 7: Trigger views and exceptions.

AIM:- To conduct Events, Views, Exceptions on CRUD operations for restricting phenomenon a, To create a trigger PL/SQL that automatically inserts a new record is insted into the match table.

b, To create a view that display the details of player along with their team details &, To write a non-recursive PL/SQL procedure to retrieve Even-number Player ID's registered for any tournament.

To create a trigger in PL/SQL that automatically inserts a new record in the in the match-result table when a new record is inserted into the match table.

CREATE OR REPLACE TRIGGER
insert_match_result.
AFTER INSERT ON MATCH
FOR EACH ROW
BEGIN
INSERT INTO MATCH-RESULT MatchID team
RESULT)
Values C! New. matchID; new Team ID, pending;

-- ASSUMING a default value of pending' for Result

END;

To create a view that displays the details of player along with their team details

SQL> CREATE VIEW Plase 'Team Details AS

SELECT P. Player ID, P.fname AS player name
P. Team ID , P.Coach AS players Coach, P. captain
AS player captain, (select t. name from team t where
t. teamID = p. team ID) AS team name, (Select t. coach
from team t where t. team ID = P team ID) AS team
coach , (SELECT captain from team t WHERE t. team ID=
P. team ID) AS team captain from Player p;

SQL> SELECT * FROM Player Team Details

To write a non-recursive PL/SQL procedure to return
even-numbered player ID's registered for any tournament

CREATE OR REPLACE PROCEDURE

GET Even Player ID's for tournament (in tournament _Id
Number, out _even_player _ids SYS OOC I NUMBER VFSIT) AS

BEGIN
OUT_ EVEN _ PLAYER IDS = SYS. GRCIN NUMBER list

(); -- Initealize the collection.

-- Populates the collection with even numbered
player ID's for the specified tournament

FOR Player _rec IN (SELECT Player Id from
player WHERE TOURNAMENT ID = in _loop tournament

mop (player ID, 2) =

```
OUT = Even_players_ids in EXTEND;
OUT _ Even_ players _ids count=even_player_ids_crows)
    = P keyer _ rec. player ID';
END LOOP;
END
,

Tournament _id NUMBER=123; - Replace with the desired
tournament ID
Even_ player _ids sys. ODC I NUMBER VIST;
BEGIN
GET EVEN players IPS For tournament (tournament _Id,
Even_player _ids);

- You can now use the Even_players_ids
collection  as needed
```

Result:- Thus the Triggers , views & Exception

Experiment was successfully completed result are

verified