

8/9/25

Task-7 :- Triggers, views and exceptions.

Aim:- TO conduct events, views, exceptions on CROW operation for restricting phenomenon.

TO create a trigger in PL/SQL that automatically inserts a new record in the match-result 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 (match_ID, TeamID,  
Result)  
VALUES (:new.matchID, :new.TeamID, :new.Result);  
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 Player Team Details AS SELECT player
coach, P. captain AS player captain, (SELECT C.name FROM
team t. WHERE t. team ID) = P.team ID AS TeamName.
(SELECT t.coach FROM t. WHERE t. team ID = P.team ID)
AS Team Coach, (SELECT t. captain FROM team t. WHERE
t. team = P.team ID) = P AS Team Captain FROM player P)~~

SQL > select from player Team Details;

TO write a new recursive PL/SQL procedure to even numbered player IDs

~~CREATE OR REPLACE PROCEDURE~~
GET even player IDs for Tournament (in tournament_id
number)

BEGIN

out-even-player-ids := sys. DCI NUMBER(0); --
Initialize the collection.

DELAAT

Tournament-id Number = 123; -- Replace with the desired
tournament: ID even-player-ids sys. DCI NUM-B+RLIST;

BEGIN

Get Even player IDs FOR Tournament(tournament id, even,
player-id's)

FOR JN ! --even-player-ids . COUNT loop.
DBMS = output, put - LINE ("even player ID: " / even-player-ids(J))

ENDLOOP

END

VEL TECH - USE

EX NO.	7
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	5
TOTAL (20)	20

SIGN WITH DATE

RESULT thus, the trigger, views and exceptions experiment
was successfully completed results are verified.