Task-7: Triggers, views and Exceptions

Aim: To Conduct events, views, exceptions on CRUD operations for restricting Phenomenon.

* To Create a trigger in PL/SaL the automatically inserts a new record 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 (match ID-Team ID, Result)

values (: new-match ID; : new Team ID; `Pending`);

Assuming a default value of `Pending` for result.

END;

/

* SaL > Select *from Player Team Details;

* To write a non-recursive PL/SaL Procedure to retrior even-numbered Player IDs registered for any tournament.

Create or Replace Procedure.

Get even Player IDs for tournment (in- tournment-id,

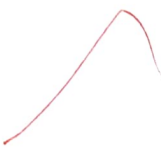number, Out-even-Player_ID Sys-ODC/NUMBER LIST/

AS

Begin

Out-even-Player_ids: = Sys. ODC/NUMBER LIST();

```
Even Player ID: 2
Even Player ID: 10
Even Player ID: 44

PL/SQL procedure successfully
completed.
```

```
View created.
```

```
-- Initialize the Collection
-- Populate the Collection with even numbered
   Player ID for the Specified tournment.
for player_rec IN (Select Player ID from Player where
Tournment ID= in_tournment_id AND MOD (Player ID,
2) =0) loop
out_even_player=ids (out_even_player_Ids_count()=
Player_rec. Player ID;
END loop)
END)
/
DECLARE
tournment_id number =123;___ Replace with the designed
tournment ID.
even_player_ids sys. ODCI Number list;
BEGIN
Get even Player IDs for Tournment (tournment_id, even
_Player_ids);
-- you can now use the even_player_ids Collection is needed.
-- for example, to Print the even Player IDs;
for i,N,1,... even_Player_ids. count loop.
DBMS_output. PUT_line ('Even Player IDS" //even_Player_ids(i));
END loop;
END:
/
```

Result:

Thus, the conduct events, views exceptione on CROD
operations executed and verify the output
Successfully.

VEL TECH-CSE	
EX NO.	
PERFORMANCE (5)	
RESULT AND ANALYSIS (5)	
VIVA VOCE (5)	
RECORD (5)	
TOTAL (20)	
SIGNATURE	