create trigger trg\_update\_total\_matches after insert on match for each row begin update player set total matches played=nvl(total matches played,0)+1 where playerid=new.playerid; exception when others then DBMS\_OUTPUT.PUT\_LINE("error in trigger:|| sqlerrm);

2 END;

3 /

create trigger trg\_update\_total\_matches after insert on match for each row begin update player set total matches played=nvl(total matches played,0)+1 where playerid=new.playerid; exception when others then DBMS\_OUTPUT.PUT\_LINE("error in trigger:|| sqlerrm);

\*

ERROR at line 1:

ORA-04081: trigger 'TRG\_UPDATE\_TOTAL\_MATCHES' already exists

SQL> alter table player add(matchid varchar(10),FOREIGN KEY (matchid) references match(matchid);

alter table player add(matchid varchar(10),FOREIGN KEY (matchid) references match(matchid)

\*

ERROR at line 1:

ORA-00907: missing right parenthesis

SQL> alter table player add(matchid varchar(10),FOREIGN KEY (matchid) references match(matchid));

Table altered.

SQL> select \* from player;

PLAYERID FNAME

---------- --------------------------------------------------

LNAME AGE DOB

-------------------------------------------------- ---------- ---------

PLAYINGROLE TEAMID

-------------------------------------------------- ----------

BATTING BOWLING MATCH\_PLAYED MATCHID

-------------------- -------------------- ------------ ----------

P101 raj

N 20 16-JUN-05

bowling T1

PLAYERID FNAME

---------- --------------------------------------------------

LNAME AGE DOB

-------------------------------------------------- ---------- ---------

PLAYINGROLE TEAMID

-------------------------------------------------- ----------

BATTING BOWLING MATCH\_PLAYED MATCHID

-------------------- -------------------- ------------ ----------

P102 krishna

R 23 02-JAN-99

batting T2

PLAYERID FNAME

---------- --------------------------------------------------

LNAME AGE DOB

-------------------------------------------------- ---------- ---------

PLAYINGROLE TEAMID

-------------------------------------------------- ----------

BATTING BOWLING MATCH\_PLAYED MATCHID

-------------------- -------------------- ------------ ----------

P103 amar

J 21 26-SEP-99

wicketkeeper T3

create view vw\_player\_matches as select p.playerid,p.Fname,p.match\_played,count(m.matchid)

2 FROM player p

3 LEFT JOIN match m

4 ON p.playerid = m. playerid

5 group by p.playerid,p.Fname,p.match\_played

6 /

ON p.playerid = m. playerid

\*

ERROR at line 4:

ORA-00904: "M"."PLAYERID": invalid identifier

SQL> select \* from match;

MATCHID LOCATION UMPIREID

---------- -------------------------------------------------- ----------

RESULT TEAMID

---------- ----------

M501 mumbai U1

2

M502 bengulur U2

2

SQL> alter table match add(playerid varchar(10),FOREIGN KEY (playerid) references player(playerid));

Table altered.

SQL> create view vw\_player\_matches as select p.playerid,p.Fname,p.match\_played,count(m.matchid)

2 FROM player p

3 LEFT JOIN match m

4 ON p.playerid = m. playerid

5 group by p.playerid,p.Fname,p.match\_played

6 /

create view vw\_player\_matches as select p.playerid,p.Fname,p.match\_played,count(m.matchid)

\*

ERROR at line 1:

ORA-00998: must name this expression with a column alias

SQL> create view vw\_player\_matches as select p.playerid,p.Fname,p.match\_played,count(m.matchid) AS match\_count

2 FROM player p

3 LEFT JOIN match m

4 ON p.playerid = m. playerid

5 group by p.playerid,p.Fname,p.match\_played

6 /

View created.

SQL> commit;

Commit complete. set serveroutput ON;

SQL> DECLARE

2 total\_age number :=0;

3 num\_players NUMBER :=0;

4 avg\_age NUMBER :=0;

5 BEGIN

6 FOR plyaer\_rec IN (SELECT Age FROM player) LOOP

7 total age :=total\_age + player\_rec.Age; - summing up to ages

8 num\_player := num\_player + 1; - coumting the number of players

9 END LOOP;

10

11 IF num\_player