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

DECLARE

2 v\_playerid player.playerid%TYPE := 'p104';

3 v\_fname player.fname%TYPE := 'Rohit';

4 v\_lname player.lname%TYPE := 'S';

5 v\_age player.age%TYPE := 20;

6 v\_dob player.dob%TYPE := TO\_DATE('16-AUG-2005', 'DD-MON-YYYY');

7 v\_playingrole player.playingrole%TYPE := 'batting';

8 BEGIN

9 INSERT INTO player (playerid, fname, lname, age, dob, playingrole)

10 VALUES (v\_playerid, v\_fname, v\_lname, v\_age, v\_dob, v\_playingrole);

11 DBMS\_OUTPUT.PUT\_LINE('Player record inserted successfully.');

12 EXCEPTION

13 WHEN OTHERS THEN

14 DBMS\_OUTPUT.PUT\_LINE('Error inserting player: ' || SQLERRM);

15 END;

16 /

PL/SQL procedure successfully completed.

SQL> create table pmatch(playerid varchar2(25) references player(playerid), matchid varchar2(25) references match(matchid));

Table created.

SQL> CREATE OR REPLACE FUNCTION total\_matches\_played (

2 p\_playerid IN VARCHAR2

3 )

4 RETURN NUMBER

5 IS

6 v\_count NUMBER;

7 BEGIN

8 SELECT COUNT(\*)

9 INTO v\_count

10 FROM pmatch

11 WHERE playerid = p\_playerid;

12

13 RETURN v\_count;

14

15 EXCEPTION

16 WHEN NO\_DATA\_FOUND THEN

17 RETURN 0;

18 WHEN OTHERS THEN

19 RETURN -1;

20 END total\_matches\_played;

21 /

Function created.

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

PLAYERID FNAME

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

LNAME AGE DOB

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

PLAYINGROLE TEAMID

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

BATTING BOWLING MATCH\_PLAYED MATCHID

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

p104 Rohit

S 20 16-AUG-05

batting

SQL> select \* from match;

MATCHID LOCATION UMPIREID

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

RESULT TEAMID PLAYERID

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

M501 mumbai U1

2

M502 bengulur U2

2

commit;

Commit complete.