# Slip no 16

CREATE TABLE gamey23 (

gname VARCHAR2(50) PRIMARY KEY,

nop NUMBER(5) CHECK (nop> 0),

cname VARCHAR2(50)

);

CREATE TABLE playeri23 (

pid NUMBER PRIMARY KEY,

pname VARCHAR2(50),

addr VARCHAR2(100),

cname VARCHAR2(50)

);

CREATE TABLE gprelation (

gname VARCHAR2(50) REFERENCES gamey23(gname) on delete cascade,

pid NUMBER REFERENCES playeri23(pid) on delete cascade

);

INSERT ALL

INTO gamey23 VALUES ('Cricket', 11, 'John Doe')

INTO gamey23 VALUES ('Football', 22, 'Jane Smith')

INTO gamey23 VALUES ('Badminton', 4, 'David Johnson')

INTO gamey23 VALUES ('Basketball', 8, 'Maria Garcia')

INTO gamey23 VALUES ('Tennis', 2, 'Robert Brown')

SELECT \* FROM dual;

INSERT ALL

INTO playeri23 VALUES (1, 'Aarav Patel', 'Delhi', 'ABC Club')

INTO playeri23 VALUES (2, 'Mira Singh', 'Mumbai', 'XYZ Club')

INTO playeri23 VALUES (3, 'Arjun Sharma', 'Bangalore', 'Tech Club')

INTO playeri23 VALUES (4, 'Isha Gupta', 'Kolkata', 'Innovation Club')

INTO playeri23 VALUES (5, 'Rohan Verma', 'Chennai', 'Info Club')

SELECT \* FROM dual;

INSERT ALL

INTO gprelation VALUES ('Cricket', 1)

INTO gprelation VALUES ('Football', 2)

INTO gprelation VALUES ('Badminton', 3)

INTO gprelation VALUES ('Basketball', 4)

INTO gprelation VALUES ('Tennis', 5)

SELECT \* FROM dual;

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create or replace trigger t16

before insert or update on gamey23

for each row

begin

if(:new.nop<=0) then

raise\_application\_error(-20001,'number of players should greater');

end if;

end;

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create or replace procedure p23 is

cursor c23 is

select gname,nop,cname from gamey23 where nop>5;

begin

for s in c23

loop

dbms\_output.put\_line(s.gname||''||s.nop||''||s.cname);

end loop;

end;

begin

p23;

end;