# Slip no 17

CREATE TABLE personsf23 (

pname VARCHAR2(50) PRIMARY KEY,

pcity VARCHAR2(50)

);

CREATE TABLE Compy23 (

name VARCHAR2(50) PRIMARY KEY,

address VARCHAR2(100),

city VARCHAR2(50),

phone VARCHAR2(15),

svalue NUMBER(7)

);

CREATE TABLE comper23(

name VARCHAR2(50) REFERENCES Compy23(name) on delete cascade,

pname VARCHAR2(50) REFERENCES personsf23(pname) on delete cascade,

Noshares NUMBER(11)

);

INSERT ALL

INTO personsf23 VALUES ('Ravi Kumar', 'Delhi')

INTO personsf23 VALUES ('Priya Sharma', 'Mumbai')

INTO personsf23 VALUES ('Amit Singh', 'Bangalore')

INTO personsf23 VALUES ('Sneha Gupta', 'Kolkata')

INTO personsf23 VALUES ('Rahul Verma', 'Chennai')

SELECT \* FROM dual;

INSERT ALL

INTO Compy23 VALUES ('ABC Corporation', '123 Main St', 'Delhi', '1223567890', 1000000)

INTO Compy23 VALUES ('XYZ Ltd', '456 Park Ave', 'Mumbai', '9876543210', 800000)

INTO Compy23 VALUES ('Tech Solutions', '789 Tech St', 'Bangalore', '8765432109', 1200000)

INTO Compy23 VALUES ('Global Innovations', '101 Innovation Blvd', 'Kolkata', '7654321098', 1500000)

INTO Compy23 VALUES ('Info Systems', '202 Info St', 'Chennai', '6543210987', 900000)

SELECT \* FROM dual;

INSERT ALL

INTO comper23 VALUES ('ABC Corporation', 'Ravi Kumar', 1000)

INTO comper23 VALUES ('XYZ Ltd', 'Priya Sharma', 800)

INTO comper23 VALUES ('Tech Solutions', 'Amit Singh', 1200)

INTO comper23 VALUES ('Global Innovations', 'Sneha Gupta', 1500)

INTO comper23 VALUES ('Info Systems', 'Rahul Verma', 900)

SELECT \* FROM dual;

INSERT INTO comper23 VALUES ('XYZ Ltd', 'Ravi Kumar', 1000);

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create or replace trigger t17

before insert or update on comper23

for each row

begin

if(:new.Noshares=0) then

raise\_application\_error(-20001,'salry should greater than zero');

end if;

end;

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create or replace function f23(u in varchar2)

return number is

fsum number(4);

begin

select sum(comper23.Noshares) into fsum from comper23,Compy23,personsf23 where comper23.name=Compy23.name and comper23.pname=personsf23.pname and u=personsf23.pname;

return fsum;

end;

select f23(:u) from dual;

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