# Slip no 14

create table clg23(

code number(3) primary key,

cname varchar2(20),

addr varchar2(20)

);

create table tech23(

tid number(3) primary key,

tname varchar2(15) not null,

qual varchar2(15),

spec varchar2(15),

sal number(7),

desg varchar2(15),

code number(3) references clg23(code) on delete cascade

);

INSERT INTO clg23 VALUES (1, 'Shamrao college', 'Address A');

INSERT INTO clg23 VALUES (2, 'Vp College ', 'Address B');

INSERT INTO clg23 VALUES (3, 'Tc College ', 'Address C');

INSERT INTO clg23 VALUES (4, 'Target College ', 'Address D');

INSERT INTO clg23 VALUES (5, 'puneassoc college', 'Address E');

INSERT INTO tech23 VALUES (101, 'Shami kharat', 'M.Tech', 'Computer Sci', 80000, 'Professor', 1);

INSERT INTO tech23 VALUES (102, 'Jayesh waghmare', 'Ph.D.', 'Electrical Eng', 90000, 'Associate Prof', 2);

INSERT INTO tech23 VALUES (103, 'Bob wilson', 'B.Tech', 'Mechanical Eng', 75000, 'Assistant Prof', 3);

INSERT INTO tech23 VALUES (104, 'manishpatnakar', 'M.Sc.', 'Physics', 70000, 'Lecturer', 4);

INSERT INTO tech23 VALUES (105, 'Chris elvish', 'Ph.D.', 'Chemistry', 85000, 'Professor', 5);

===========================================================================

create or replace trigger t14

before insert or update on tech23

for each row

begin

if(:new.sal<=0) then

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

end if;

end;

INSERT INTO tech23 VALUES (101, 'Shami kharat', 'M.Tech', 'Computer Sci', 0, 'Professor', 1);

============================================================================

Write a procedure which will accept teacher name from user and display his/her college details.

create or replace procedure p23(u in varchar2) is

cursor c23 is

select tech23.tname,clg23.code,cname,addr from

clg23,tech23 where clg23.code=tech23.code and u=tech23.tname;

begin

for s in c23

loop

dbms\_output.put\_line(s.tname||''||s.code||''||s.cname||''||s.addr);

end loop;

end;

begin

p23(:u);

end;