# Slip no 21

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 Science', 80000, 'Professor', 1);

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

INSERT INTO tech23 VALUES (103, 'Bob wilson', 'B.Tech', 'Mechanical Engineering', 75000, 'Assistant Professor', 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);

INSERT INTO tech23 VALUES (106, 'Bhai elvish', 'Ph.D.', 'Chemistry', 85000, 'Professor', 5);

create or replace function f23(u in varchar2)

return number is

fsum number(3);

begin

select count(tech23.qual) into fsum from tech23,clg23 where clg23.code=tech23.code and tech23.qual='Ph.D.' and u=clg23.cname;

return fsum;

end;

select f23(:u) from dual;

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