CREATE SEQUENCE SAN\_DEPT\_SEQ MINVALUE 1 MAXVALUE 99999 INCREMENT BY 1 START WITH 1 CYCLE NOKEEP NOSCALE GLOBAL;

CREATE SEQUENCE SAN\_EMP\_SEQ MINVALUE 1 MAXVALUE 99999 INCREMENT BY 1 START WITH 1 CYCLE NOKEEP NOSCALE GLOBAL;

create table san\_dept(dept\_id number primary key, dept\_name varchar2(20));

create table san\_emp(emp\_id number primary key, emp\_name varchar2(20), dept\_id number references san\_dept(dept\_id));

insert into san\_dept

values(SAN\_DEPT\_SEQ.nextval,’EC’);

insert into san\_dept

values(SAN\_DEPT\_SEQ.nextval,’CS’);

select \* from san\_dept;

create or replace package san\_emp\_dept is

procedure create\_emp(p\_emp\_name varchar2, p\_dept\_name varchar2);

procedure delete\_emp(p\_emp\_name varchar2, p\_dept\_name varchar2);

procedure update\_emp(p\_emp\_name varchar2, p\_dept\_name varchar2);

end san\_emp\_dept;

create or replace package body san\_emp\_dept is

procedure create\_emp(p\_emp\_name varchar2, p\_dept\_name varchar2) is

v\_dept\_id number :=null;

begin

select dept\_id into v\_dept from san\_dept where dept\_name =p\_dept\_name;

insert into san\_emp values(SAN\_EMP\_SEQ.nextval, p\_emp\_name, v\_dept\_id);

commit;

end;

procedure delete\_emp(p\_emp\_name varchar2, p\_dept\_name varchar2) is

begin

delete from san\_emp where emp\_name = p\_emp\_name and dept\_id =(select dept\_id from san\_dept where dept\_name = p\_dept\_name);

commit;

end;

procedure update\_emp(p\_emp\_name varchar2, p\_dept\_name varchar2) is

begin

update san\_emp set dept\_id = (select dept\_id from san\_dept where dept\_name = p\_dept\_name)

where emp\_name = p\_emp\_name;

commit;

end;

end;

begin

san\_emp\_dept.create\_emp(‘sahana’, ‘EC’);

end;

begin

san\_emp\_dept.update\_emp(‘sahana’, ‘EC’);

end;

begin

san\_emp\_dept.delete\_emp(‘sahana’,’EC’);

end;