28

A

create or replace package pack2 is

procedure p2(x in software.DEV\_D%type);

function f2(y in studies.PNAME%type)return studies.SPLACE%type;

end;

b

create or replace package body pack2 is

procedure p2(x in software.DEV\_D%type) as

cursor s is select\*from software where DEV\_D=x;

t s%rowtype;

begin

open s;

loop

fetch s into t;

exit when s%notfound;

dbms\_output.put\_line(t.TITLE);

end loop;

close s;

end p2;

function f2(y in studies.PNAME%type)return studies.SPLACE%type as

r studies.SPLACE%type;

begin

select SPLACE into r from studies where PNAME=r;

return r;

end f2;

end;

**c**

declare

a programmer.pname%type:='Anand';

b software.title%type:='Read Me';

r software.pname%type;

begin

pack1.p1(a);

r:=pack1.f1(b);

dbms\_output.put\_line('pname of given project:'||r);

end;

30

A

create table student1(rollno number(3) primary key,

sname varchar2(15),

marks1 number(3),

marks2 number(3),

total number(4));

b

create or replace trigger auto\_cal before insert on student1 for each row

declare

begin

:new.total := :new.marks1 + :new.marks2;

end;

c

select \* from student1;

31

A

create table prog as select pname, salary from programmer;

b

create table update\_prog

(pname varchar2(20),

old\_salary number(7,2),

new\_salary number(7,2),

dt date,

time varchar2(10));

c

create or replace trigger update\_status after update on prog for each row

begin

insert into update\_prog values(:old.pname, :old.salary, :new.salary, sysdate, substr(current\_timestamp,11,8));

end;

d

select \* from update\_prog;

32

A

create table student

(roll number(3) primary key,

sname varchar2(15),

age number(3));

b

create or replace trigger age before insert on student

declare

begin

update student set age=age+1;

end;

c

select \* from student;