아래 Table에 EMP Table에 DML 작업을 수행한 정보를 입력하는 Trigger를 작성하시요.  
 Commit 한 경우에만 입력되도록 하시요.

﻿

create table emp\_audit  
 (username   varchar2(30),     
  action\_time date,  
  action\_flag char(1),  
  rid         rowid);

==> action\_flag  column에는 Update는 'U',Insert는 'I',Delete는 'D'

     rid column에는 Update는 old.rowid,Insert는 new.rowid,Delete는 old.rowid 값을 넣을 것

create

or replace trigger test after

update

or

delete

or

insert on EMP for each row declare username varchar2(30);

action\_time date;

action\_flag char(1);

rid rowid;

machine varchar2(64);

module varchar2(64);

begin

if updating then

insert

into emp\_audit(username, action\_time, action\_flag, rid, machine, module)

values(sys\_context('userenv', 'server\_host'),

sysdate,

'U',

:old.rowid,

sys\_context('userenv', 'session\_userid'),

sys\_context('userenv', 'module'));

end if;

if deleting then

insert

into emp\_audit(username, action\_time, action\_flag, rid, machine, module)

values(sys\_context('userenv', 'server\_host'),

sysdate,

'D',

:old.rowid,

sys\_context('userenv', 'session\_userid'),

sys\_context('userenv', 'module'));

end if;

if inserting then

insert

into emp\_audit(username, action\_time, action\_flag, rid, machine, module)

values(sys\_context('userenv', 'server\_host'),

sysdate,

'I',

:new.rowid,

sys\_context('userenv', 'session\_userid'),

sys\_context('userenv', 'module'));

end if;

end;