create or replace trigger t11

after delete or update on copy\_emp

for each row

begin

insert into del(id,name,old\_sal,new\_sal)

values(:old.empno,:old.ename,:old.sal,:new.sal);

end;

--------------------------------------

create or replace trigger t11

after delete or update on old\_emp

for each row

begin

if deleting then

insert into del(id,name,old\_sal,new\_sal)

values(:old.empno,:old.ename,:old.sal,:new.sal);

elsif updating then

insert into copy(id,name,old\_sal,new\_sal)

values(:old.empno,:old.ename,:old.sal,:new.sal);

end if;

end;

update copy\_emp set sal=10000 where job='MANAGER';

delete from copy\_emp where empno=7499;

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create view emp\_detail

as

select e.empno,e.ename,e.sal,e.deptno,e.job,d.dname

from emp e,dept d

where e.deptno=d.deptno;

create table new\_emp1 as

select empno,ename,sal,deptno,job,hiredate

from emp;

create table new\_dept as

select deptno,dname,sum(e.sal)tot\_dept\_sal

from emp e,dept d

group by d.deptno,d.dname;

create or replace trigger t56

instead of insert or update or delete on emp\_detail

for each row

begin

if inserting then

insert into new\_emp1 values (:new.empno,:new.ename,:new.sal,:new.deptno,:new.job,sysdate);

update new\_dept set tot\_dept\_sal=tot\_dept\_sal+:new.sal

where deptno=:new.deptno;

end if;

end t56;

create or replace trigger t56

instead of insert or update or delete on emp\_detail

for each row

begin

if inserting then

insert into new\_emp1 values (:new.empno,:new.ename,:new.sal,:new.deptno,:new.job,sysdate);

update new\_dept set tot\_dept\_sal=tot\_dept\_sal+:new.sal

where deptno=:new.deptno;

else if deleting then

delete from new\_emp1

where empno=:old.empno

update new\_dept

set tot\_dept\_sal=tot\_dept\_sal-:old.sal

where deptno=:old.deptno;

else if updating('sal') then

update new\_emp1

set sal=:new.sal

where empno=:old.empno;

update new\_dept

set tot\_dept\_sal=tat\_dept\_sal+(:new.sal-:old.sal)

where deptno=:old.deptno;

else if updating('deptno') then

update new\_emp1

set deptno=:new.deptno

where empno=:old.empno;

update new\_dept

set tot\_dept\_sal=tot\_dept\_sal-:old.sal

where deptno=:old.deptno;

update new\_dept

set tot\_dept\_sal=tot\_dept\_sal+:new.sal

where deptno=:new.deptno;

end if;

end;