SQL HW 07\_Xin Luo

create table logger2( msg varchar(max), machineName varchar(MAx), username varchar(MAX), empID char(9), oldjobID int, newjobID int, oldjoblvl int, newjoblvl int)

drop trigger tgr\_employee\_update5

drop table logger2

create trigger tgr\_employee\_update5

on employee

for update

as

if(update(job\_lvl))

begin

declare @Newid smallint, @Newlevel tinyint

select @Newlevel = (select job\_lvl from inserted)

insert into logger2(msg, machineName,username,empID,oldjoblvl,newjoblvl)

select 'LEVEL CHANGE', @@SERVERNAME, USER, emp\_id, d.job\_lvl ,@Newlevel

from

deleted d

end;

ELSE

begin

select @Newid = (select job\_id from inserted)

insert into logger2(msg, machineName,username,empID,oldjobID,newjobID)

select 'PROMOTION', @@SERVERNAME, USER, emp\_id, d.job\_id ,@Newid

from

deleted d

end;

update employee

set job\_id = 9 where emp\_id ='MAP77183M'

update employee

set job\_lvl = 141 where emp\_id ='VPA30890F'

select \* from logger2

