**TRIGGERS**

1. **insert\_customer\_trigger**
2. CREATE OR REPLACE TRIGGER insert\_customer\_trigger

AFTER insert ON customer FOR EACH ROW

begin

insert into tx values(

tra\_seq.nextval,

'customer is inserted',

:new.cus\_id,

0,

null,

null,

0,

sysdate );

end;

1. **update\_customer\_trigger**

CREATE OR REPLACE TRIGGER update\_customer\_trigger

AFTER update or delete ON custome FOR EACH ROW

begin

insert into tx values(

tra\_seq.nextval,

'customer is updated/deleted',

:old.cus\_id,

0,

null,

null,

0,

sysdate);

end;

1. **insert\_rent\_trigger**

CREATE OR REPLACE TRIGGER insert\_rent\_trigger

AFTER insert or update or delete ON rent FOR EACH ROW

begin

insert into tx values(

tra\_seq.nextval,

'issue/return/fine',

:new.cus\_id,

:old.item\_id,

sysdate,

sysdate,0);

end;

1. **insert\_employee\_Trigger**

CREATE OR REPLACE TRIGGER insert\_employee\_trigger

AFTER insert ON employee FOR EACH ROW

begin

insert into tx values(

tra\_seq.nextval,

'employee is inserted’,

:new.emp\_id,

null,

null,

null,

null,

sysdate);

end;

1. **update\_employee\_trigger**

CREATE OR REPLACE TRIGGER update\_employee\_trigger

AFTER update or delete ON employee FOR EACH ROW

begin

insert into tx values(

tra\_seq.nextval,

'employee is updated/deleted',

:old.emp\_id,

null,

null,

null,

null,

sysdate);

end;

1. **Book\_Insert\_Trigger**

create or replace trigger book\_insert\_trigger

after insert on book for each row

begin

insert into rec\_audit values(

rec\_seq.nextval,

:new.book\_id,

'Book is Added',

sysdate);

end;

1. **Book\_Update\_Trigger**

create or replace trigger book\_update\_trigger after update or delete on book for each row

begin

insert into rec\_audit values(

rec\_seq.nextval,

:old.book\_id,

'Book is updates/deleted',

sysdate);

end;

1. **Trigger Video\_Insert\_Trigger**

create or replace trigger video\_insert\_trigger after insert on video for each row

begin

insert into rec\_audit values(

rec\_seq.nextval,

:new.video\_id,

'Video is Added',

sysdate);

end;

1. **Video\_Update\_Trigger**

create or replace trigger Video\_update\_trigger after update or delete on video for each row

begin

insert into rec\_audit values(

rec\_seq.nextval,

:old.video\_id,

'Video is updates/deleted',

sysdate);

end;

1. **fine\_trigger**

create or replace trigger fine\_trigger before insert or update or delete on tx for each row

declare

today date:=sysdate;

fine\_date date;

begin

select return\_date into fine\_date from tx where cus\_id\_emp\_id=:new.cus\_id\_emp\_id;

if today >fine\_date then

update tx set fine = fine+5 where cus\_id\_emp\_id = :new.cus\_id\_emp\_id;

end if;

end;