

```
SQL> desc library;
```

Name	Null?	Type
BOOKID		NUMBER(38)
BNAME		VARCHAR2(20)
BPRICE		NUMBER(38)

```
SQL> desc library_audit;
```

Name	Null?	Type
BOOKID		NUMBER(38)
BNAME		VARCHAR2(20)
BPRICE		NUMBER(38)
AUDIT_CHANGE		VARCHAR2(20)
UPDATE_TIME		DATE

```
SQL> select * from library;
```

BOOKID	BNAME	BPRICE
101	DBMS	250
102	PLSQL	400
103	CNS	350

```
SQL> edit ass8_trig
```

```
PLSQL CODE Block
```

```
create or replace trigger trig_update after delete or update on library for each row
```

```
declare
```

```
au_ch varchar(10);
```

```
begin
```

```
if deleting then
```

```
au_ch:='DELETE';
```

```
end if;
```

```
if updating then
```

```
au_ch:='UPDATE';
```

```
end if;
```

```
insert into library_audit
```

```
values(:old.bookid,:old.bname,:old.bprice,au_ch,current_timestamp);
```

```
end;
```

```
/
```

```
SQL> @ass8_trig
```

```
Trigger created.
```

```
SQL> update library set bprice=400 where bookid=101;
```

```
1 row updated.
```

```
SQL> select * from library_audit;
```

BOOKID	BNAME	BPRICE	AUDIT_CHANGE	UPDATE_TI
101	DBMS	250	UPDATE	07-OCT-25

```
SQL> delete from library where bookid=101;
```

1 row deleted.

```
SQL> select * from library_audit;
```

BOOKID	BNAME	BPRICE	AUDIT_CHANGE	UPDATE_TI
101	DBMS	250	UPDATE	07-OCT-25
101	DBMS	400	DELETE	07-OCT-25