

```
create or replace trigger trg_library_adt
after update or delete on library for each row
declare
diff_price float;
begin
if updating then
insert into Library_Audit values(:old.book_id,:old.book_name,:old.price);
diff_price:=:new.price-:old.price;
dbms_output.put_line('Difference between price:' || diff_price);
elsif deleting then
insert into Library_Audit values(:old.book_id,:old.book_name,:old.price);
end if;
end;
/
```

Microsoft Windows [Version 10.0.19044.2965]

(c) Microsoft Corporation. All rights reserved.

D:\DBMS Code>sqlplus

SQL\*Plus: Release 21.0.0.0.0 - Production on Mon Oct 9 22:05:23 2023

Version 21.3.0.0.0

Copyright (c) 1982, 2021, Oracle. All rights reserved.

Enter user-name: system

Enter password:

Last Successful login time: Mon Oct 09 2023 21:48:43 +05:30

Connected to:

Oracle Database 21c Express Edition Release 21.0.0.0.0 - Production

Version 21.3.0.0.0

SQL> ser serveroutput on

SP2-0734: unknown command beginning "ser server..." - rest of line ignored.

SQL> set serveroutput on

SQL> @tigger.sql

Trigger created.

SQL> select\*from library;

BOOK_ID	BOOK_NAME	PRICE
101	DBMS	500
102	TOC	400
103	IOT	350

SQL> select\*from library\_audit;

no rows selected

SQL> update library set price=300 where book\_id=103;

Difference between price:-50

1 row updated.

SQL> delete from library where book\_id=103;

1 row deleted.

SQL> select\*from library\_audit;

BOOK_ID	BOOK_NAME	PRICE
103	IOT	350
103	IOT	300

SQL>