TRIGGER

create or replace trigger trig1

before update or delete on library

for each row

begin

insert into bk\_lib (srno, bname, publication, price, d\_published)

values (:old.srno, :old.bname, :old.publication, :old.price, :old.d\_published);

end;

/

OUTPUT

SQL\*Plus: Release 23.0.0.0.0 - Production on Wed Sep 10 15:58:45 2025

Version 23.9.0.25.07

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Enter user-name: system

Enter password:

Last Successful login time: Wed Sep 10 2025 15:38:22 +05:30

Connected to:

Oracle Database 23ai Free Release 23.0.0.0.0 - Develop, Learn, and Run for Free

Version 23.9.0.25.07

SQL> create table library (srno int, bname varchar(20), publication varchar(20), price number(6,2), d\_published date);

Table created.

SQL> desc library;

Name Null? Type

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

SRNO NUMBER(38)

BNAME VARCHAR2(20)

PUBLICATION VARCHAR2(20)

PRICE NUMBER(6,2)

D\_PUBLISHED DATE

SQL> insert into library values (3, 'TOC', 'TechKnowledge', 600, to\_date('18-06-2025', 'DD-MM-YYYY'));

1 row created.

SQL> insert into library values (2, 'IOT', 'TechKnowledge', 300, to\_date('21-09-2025', 'DD-MM-YYYY'));

1 row created.

SQL> insert into library values (1, 'DBMS', 'TechMax', 800, to\_date('01-02-2025', 'DD-MM-YYYY'));

1 row created.

SQL> update library set d\_published = to\_date('21-05-2025','DD-MM-YYYY');

3 rows updated.

SQL> select \* from library;

SRNO BNAME PUBLICATION PRICE D\_PUBLISH

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3 TOC TechKnowledge 600 21-MAY-25

2 IOT TechKnowledge 300 21-MAY-25

1 DBMS TechMax 800 21-MAY-25

SQL> create table bk\_lib (srno int, bname varchar(20), publication varchar(20), price number(6,2), d\_published date);

Table created.

SQL> @C:\Users\System05\Desktop\DBMS\_14\trigger.sql;

Trigger created.

SQL> set serveroutput on;

SQL> update library set price = price + 10 where srno = 1;

2 rows updated.

SQL> select \* from bk\_lib;

SRNO BNAME PUBLICATION PRICE D\_PUBLISH

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1 DBMS TechMax 800 21-MAY-25

1 DBMS TechMax 200 05-FEB-25