Program Code –

```sql
CREATE SEQUENCE Audit_seq START WITH 1 INCREMENT BY 1;

CREATE OR REPLACE TRIGGER before_update_library
BEFORE UPDATE ON Library
FOR EACH ROW
BEGIN
    INSERT INTO Library_Audit (AuditID, BookID, Title, Author, Price, ActionType)
    VALUES (Audit_seq.NEXTVAL, :OLD.BookID, :OLD.Title, :OLD.Author, :OLD.Price, 'BEFORE UPDATE');
END;
/

CREATE OR REPLACE TRIGGER after_update_library
AFTER UPDATE ON Library
FOR EACH ROW
BEGIN
    INSERT INTO Library_Audit (AuditID, BookID, Title, Author, Price, ActionType)
    VALUES (Audit_seq.NEXTVAL, :OLD.BookID, :OLD.Title, :OLD.Author, :OLD.Price, 'AFTER UPDATE');
END;
/

CREATE OR REPLACE TRIGGER before_delete_library
BEFORE DELETE ON Library
FOR EACH ROW
BEGIN
    INSERT INTO Library_Audit (AuditID, BookID, Title, Author, Price, ActionType)
    VALUES (Audit_seq.NEXTVAL, :OLD.BookID, :OLD.Title, :OLD.Author, :OLD.Price, 'BEFORE DELETE');
END;
/

CREATE OR REPLACE TRIGGER after_delete_library
AFTER DELETE ON Library
FOR EACH ROW
BEGIN
    INSERT INTO Library_Audit (AuditID, BookID, Title, Author, Price, ActionType)
    VALUES (Audit_seq.NEXTVAL, :OLD.BookID, :OLD.Title, :OLD.Author, :OLD.Price, 'AFTER DELETE');
END;
/
```

Output –

```
SQL Plus          ×   +   ∨

SQL> @C:\Users\kotka\Downloads\trigger.sql

Sequence created.


Trigger created.


Trigger created.


Trigger created.


Trigger created.

SQL> INSERT INTO Library VALUES (1, 'DBMS', 'Korth', 500);

1 row created.

SQL> select * from library;

    BOOKID TITLE                     AUTHOR                         PRICE
---------- ------------------------- ------------------------- ----------
         1 DBMS                      Korth                            500

SQL> UPDATE Library SET Price = 600 WHERE BookID = 1;

1 row updated.

SQL> select * from library;

    BOOKID TITLE                     AUTHOR                         PRICE
---------- ------------------------- ------------------------- ----------
         1 DBMS                      Korth                            600

SQL> select * from Library_Audit;

   AUDITID      BOOKID TITLE                     AUTHOR
---------- ---------- ------------------------- -------------------------
```

```
SQL Plus          ×   +   ∨

---------- ---------- ------------------------- -------------------------
     PRICE ACTIONTYPE           ACTIONDAT
---------- -------------------- ---------
         1          1 DBMS                      Korth
       500 BEFORE UPDATE        16-SEP-25

         2          1 DBMS                      Korth
       500 AFTER UPDATE         16-SEP-25


SQL> DELETE FROM Library WHERE BookID = 1;

1 row deleted.

SQL> select * from library;

no rows selected

SQL> select * from Library_Audit;

   AUDITID      BOOKID TITLE                     AUTHOR
---------- ---------- ------------------------- -------------------------
     PRICE ACTIONTYPE           ACTIONDAT
---------- -------------------- ---------
         1          1 DBMS                      Korth
       500 BEFORE UPDATE        16-SEP-25

         2          1 DBMS                      Korth
       500 AFTER UPDATE         16-SEP-25

         3          1 DBMS                      Korth
       600 BEFORE DELETE        16-SEP-25

   AUDITID      BOOKID TITLE                     AUTHOR
---------- ---------- ------------------------- -------------------------
     PRICE ACTIONTYPE           ACTIONDAT
---------- -------------------- ---------
         4          1 DBMS                      Korth
       600 AFTER DELETE         16-SEP-25
```