Write a database trigger on Library table. The System should keep track of the records that are being updated or deleted. The old value of updated or deleted records should be added in Library Audit table.

```
SQL> SET SERVEROUT ON
SQL> SET VERIFY OFF
SQL> CREATE TABLE Lib 1(book name VARCHAR2(25), status VARCHAR2(15));
Table created.
SQL> INSERT INTO Lib 1 VALUES('DARK MATTER','AVAILABLE');
1 row created.
SQL> INSERT INTO Lib 1 VALUES ('SILENT HILL', 'UNAVAILABLE');
1 row created.
SQL> INSERT INTO Lib 1 VALUES('GOD OF WAR','AVAILABLE');
1 row created.
SQL> INSERT INTO Lib 1 VALUES('SPIDER-MAN', 'UNAVAILABLE');
1 row created.
SQL> CREATE TABLE library ad(date modified DATE, book name VARCHAR2(25),old status
VARCHAR(15),new status VARCHAR2(15),action VARCHAR2(25));
Table created.
SQL> CREATE OR REPLACE TRIGGER Trig
 AFTER UPDATE OR DELETE OR INSERT ON Lib 1 FOR EACH ROW
 ENABLE
 BEGIN
 IF UPDATING THEN
 dbms output.put line(:OLD.status);
 INSERT INTO library ad VALUES
(SYSDATE,:OLD.book name,:OLD.status,:NEW.status,'UPDATE');
 ELSIF INSERTING THEN
 dbms output.put line(:NEW.status);
 INSERT INTO library ad VALUES
(SYSDATE,:NEW.book name,:OLD.status,:NEW.status,'INSERT');
 ELSE
 dbms output.put line(:OLD.book name||'deleting');
```

```
INSERT INTO library_ad
VALUES (SYSDATE,:OLD.book\_name,:OLD.status,:NEW.status,'DELETE');
END IF;
END;
Trigger created.
SQL> UPDATE Lib_1 SET status = 'PRE-ORDER' WHERE book_name = 'GOD OF WAR';
AVAILABLE
1 row updated.
SQL> INSERT INTO Lib 1 VALUES('SPM','UNAVAILABLE');
UNAVAILABLE
1 row created.
SQL> UPDATE Lib_1 SET status = 'UNAVAILABLE' WHERE book_name = 'DARK MATTER';
AVAILABLE
1 row updated.
SQL> DELETE FROM Lib 1 WHERE book name = 'SILENT HILL';
SILENT HILLdeleting
1 row deleted.
SQL> Select * from Lib 1;
BOOK NAME
                    STATUS
DARK MATTER UNAVAILABLE
GOD OF WAR PRE-ORDER
SPIDER-MAN UNAVAILABLE
SPM
              UNAVAILABLE
```

SQL> Select * from library_ad;

DATE_MODI BOOK_NAME	OLD_STATUS	NEW_STATUS
ACTION		
30-SEP-24 GOD OF WAR UPDATE	AVAILABLE P	RE-ORDER
30-SEP-24 SPM INSERT	UNAVAILABLE	
30-SEP-24 DARK MATTER UPDATE	AVAILABLE	UNAVAILABLE
DATE_MODI BOOK_NAME	_	NEW_STATUS
ACTION		
30-SEP-24 SILENT HILL	UNAVAILABLE	

DELETE