```
mysql> CREATE TABLE LIBRARY
    -> (
    -> BOOK_ID INT PRIMARY KEY,
    -> BOOK_NAME VARCHAR(100),
    -> NO_OF_COPIES INT
    -> );
Query OK, 0 rows affected (0.05 sec)

mysql> INSERT INTO LIBRARY VALUES
    -> (1, "LINUX", 100),
    -> (2, "CPP", 150),
    -> (3, "PYTHON", 120),
    -> (4, "JAVA", 50),
    -> (5, "DBMS", 75)
    -> ;
Query OK, 5 rows affected (0.03 sec)
Records: 5  Duplicates: 0  Warnings: 0

mysql> SELECT * FROM LIBRARY;
+---------+-----------+--------------+
| BOOK_ID | BOOK_NAME | NO_OF_COPIES |
+---------+-----------+--------------+
|       1 | LINUX     |          100 |
|       2 | CPP       |          150 |
|       3 | PYTHON    |          120 |
|       4 | JAVA      |           50 |
|       5 | DBMS      |           75 |
+---------+-----------+--------------+
5 rows in set (0.00 sec)

mysql> CREATE TABLE LIBRARY_AUDIT
    -> (
    -> OLD_BOOK_ID INT,
    -> NEW_BOOK_ID INT,
    -> OLD_BOOK_NAME VARCHAR(100),
    -> NEW_BOOK_NAME VARCHAR(100),
    -> OLD_NO_OF_COPIES INT,
    -> NEW_NO_OF_COPIES INT,
    -> ACTION VARCHAR(100),
    -> CHANGE_DATE DATE
    -> );
Query OK, 0 rows affected (0.03 sec)

mysql> CREATE TRIGGER ON_UPDATE
    -> AFTER UPDATE
    -> ON
    -> LIBRARY
    -> FOR EACH ROW
    -> INSERT INTO LIBRARY_AUDIT VALUES (OLD.BOOK_ID, NEW.BOOK_ID,
OLD.BOOK_NAME, NEW.BOOK_NAME, OLD.NO_OF_COPIES, NEW.NO_OF_COPIES,
"UPDATED", CURRENT_DATE);
Query OK, 0 rows affected (0.07 sec)
```

```
mysql> UPDATE LIBRARY SET BOOK_ID = 6, BOOK_NAME = "SPOS", NO_OF_COPIES =
100 WHERE BOOK_ID = 5;
Query OK, 1 row affected (0.02 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> SELECT * FROM LIBRARY_AUDIT;
+-------------+-------------+---------------+---------------+-----------------+-----------------+---------+------
-------+
| OLD_BOOK_ID | NEW_BOOK_ID | OLD_BOOK_NAME | NEW_BOOK_NAME |
OLD_NO_OF_COPIES | NEW_NO_OF_COPIES | ACTION  | CHANGE_DATE |
+-------------+-------------+---------------+---------------+-----------------+-----------------+---------+------
-------+
|         5 |         6 | DBMS        | SPOS        |            75 |          100 | UPDATED | 2022-09-19
|
+-------------+-------------+---------------+---------------+-----------------+-----------------+---------+------
-------+
1 row in set (0.00 sec)

mysql> CREATE TRIGGER ON_DELETE
    -> AFTER DELETE
    -> ON
    -> LIBRARY
    -> FOR EACH ROW
    -> INSERT INTO LIBRARY_AUDIT VALUES (OLD.BOOK_ID, -1, OLD.BOOK_NAME,
"DELETED BOOK", OLD.NO_OF_COPIES, -1, "DELETED", CURRENT_DATE);
Query OK, 0 rows affected (0.05 sec)

mysql> SELECT * FROM LIBRARY;
+---------+-----------+--------------+
| BOOK_ID | BOOK_NAME | NO_OF_COPIES |
+---------+-----------+--------------+
|       1 | LINUX     |         100 |
|       2 | CPP       |         150 |
|       3 | PYTHON    |         120 |
|       4 | JAVA      |          50 |
|       6 | SPOS      |         100 |
+---------+-----------+--------------+
5 rows in set (0.00 sec)

mysql> DELETE FROM LIBRARY WHERE BOOK_ID = 4;
Query OK, 1 row affected (0.09 sec)

mysql> SELECT * FROM LIBRARY_AUDIT;
+-------------+-------------+---------------+---------------+-----------------+-----------------+---------+------
-------+
| OLD_BOOK_ID | NEW_BOOK_ID | OLD_BOOK_NAME | NEW_BOOK_NAME |
OLD_NO_OF_COPIES | NEW_NO_OF_COPIES | ACTION  | CHANGE_DATE |
+-------------+-------------+---------------+---------------+-----------------+-----------------+---------+------
-------+
|         5 |         6 | DBMS        | SPOS        |            75 |          100 | UPDATED | 2022-09-19
|
```

```
|      4 |      -1 | JAVA        | DELETED BOOK  |         50 |        -1 | DELETED | 2022-
09-19 |
+-------------+-------------+--------------+--------------+----------------+----------------+---------+------
-------+
2 rows in set (0.00 sec)

mysql> SELECT * FROM LIBRARY;
+---------+-----------+--------------+
| BOOK_ID | BOOK_NAME | NO_OF_COPIES |
+---------+-----------+--------------+
|     1 | LINUX     |        100 |
|     2 | CPP       |        150 |
|     3 | PYTHON    |        120 |
|     6 | SPOS      |        100 |
+---------+-----------+--------------+
4 rows in set (0.00 sec)
```