

```

CREATE TABLE Library (
    book_id INT AUTO_INCREMENT PRIMARY KEY,
    title VARCHAR(255),
    author VARCHAR(255),
    publication_year INT
);

-- Create the Library_Audit table to log old values
CREATE TABLE Library_Audit (
    audit_id INT AUTO_INCREMENT PRIMARY KEY,
    book_id INT,
    title VARCHAR(255),
    author VARCHAR(255),
    publication_year INT,
    action VARCHAR(50), -- "DELETE" or "UPDATE"
    audit_timestamp TIMESTAMP
);

INSERT INTO Library (title, author, publication_year) VALUES
    ('Book 1', 'Author A', 2000),
    ('Book 2', 'Author B', 2010),
    ('Book 3', 'Author C', 2020);

DELIMITER //
CREATE TRIGGER BeforeLibraryDelete
BEFORE DELETE ON Library FOR EACH ROW
BEGIN
    INSERT INTO Library_Audit (book_id, title, author, publication_year, action,
    audit_timestamp)
        VALUES (OLD.book_id, OLD.title, OLD.author, OLD.publication_year, 'DELETE',
        NOW());
END;
//
DELIMITER ;

DELIMITER //
CREATE TRIGGER BeforeLibraryUpdate
BEFORE UPDATE ON Library FOR EACH ROW
BEGIN
    INSERT INTO Library_Audit (book_id, title, author, publication_year, action,
    audit_timestamp)
        VALUES (OLD.book_id, OLD.title, OLD.author, OLD.publication_year, 'UPDATE',
        NOW());
END;
//
DELIMITER ;

-- Create an AFTER DELETE trigger
DELIMITER //
CREATE TRIGGER AfterLibraryDelete
AFTER DELETE ON Library
FOR EACH ROW
BEGIN
    -- select (" Deletion Performed ");
END;
//
DELIMITER ;

-- Create an AFTER UPDATE trigger

```

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DELIMITER //
CREATE TRIGGER AfterLibraryUpdate
AFTER UPDATE ON Library
FOR EACH ROW
BEGIN
    -- select (" Updation Performed ");
END;
//
DELIMITER ;

UPDATE Library
SET title = 'Updated Book', author = 'New Author'
WHERE book_id = 1;

DELETE FROM Library WHERE book_id = 2;

SELECT * FROM Library_Audit;

```

Output:

```

mysql> select * from Library;
+-----+-----+-----+-----+
| book_id | title      | author    | publication_year |
+-----+-----+-----+-----+
|      1 | Updated Book | New Author |      2000 |
|      3 | Book 3      | Author C  |      2020 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> select author, action, audit_timestamp from Library_Audit;
+-----+-----+-----+
| author  | action | audit_timestamp |
+-----+-----+-----+
| Author A | UPDATE | 2023-10-20 16:49:36 |
| Author B | DELETE | 2023-10-20 16:49:36 |
+-----+-----+-----+
2 rows in set (0.00 sec)

```