

Step 2: AFTER UPDATE Trigger

DELIMITER \$\$

CREATE TRIGGER after_library_update

AFTER UPDATE ON Library

FOR EACH ROW

BEGIN

INSERT INTO Library_Audit(BookID, Title, Author, Price, ActionType)

VALUES (OLD.BookID, OLD.Title, OLD.Author, OLD.Price, 'AFTER UPDATE');

END\$\$

DELIMITER ;

Step 3: AFTER DELETE Trigger

DELIMITER \$\$

CREATE TRIGGER after_library_delete

AFTER DELETE ON Library

FOR EACH ROW

BEGIN

INSERT INTO Library_Audit(BookID, Title, Author, Price, ActionType)

VALUES (OLD.BookID, OLD.Title, OLD.Author, OLD.Price, 'AFTER DELETE');

END\$\$

DELIMITER ;

Step 4: Test the AFTER triggers

-- Insert some records

```
INSERT INTO Library VALUES (1, 'DBMS Concepts', 'Navathe', 500.00);
```

```
INSERT INTO Library VALUES (2, 'Operating Systems', 'Galvin', 650.00);
```

-- Update a record

```
UPDATE Library SET Price = 550.00 WHERE BookID = 1;
```

-- Delete a record

```
DELETE FROM Library WHERE BookID = 2;
```

Step 5: View Audit Table

```
SELECT * FROM Library_Audit;
```

The `Library_Audit` table will now show entries for **AFTER UPDATE** and **AFTER DELETE**, preserving old values.