CREATE TABLE books (

id INT AUTO\_INCREMENT,

name VARCHAR(20) NOT NULL UNIQUE,

price INT NOT NULL CHECK (price > 0),

PRIMARY KEY (id)

);

CREATE TABLE audit (

id INT NOT NULL,

name VARCHAR(20) NOT NULL,

price INT NOT NULL,

ts DATETIME DEFAULT CURRENT\_TIMESTAMP,

PRIMARY KEY (id, ts)

);

INSERT INTO books (name, price) VALUES

('DBMS', 1000),

('SPOS', 6000),

('CN', 5000),

('DS', 2000),

('TOC', 3000);

DELIMITER //

CREATE TRIGGER trigger\_book\_update

BEFORE UPDATE ON books

FOR EACH ROW

BEGIN

INSERT INTO audit (id, name, price)

VALUES (OLD.id, OLD.name, OLD.price);

END; //

CREATE TRIGGER trigger\_book\_delete

BEFORE DELETE ON books

FOR EACH ROW

BEGIN

INSERT INTO audit (id, name, price)

VALUES (OLD.id, OLD.name, OLD.price);

END; //

DELIMITER ;