**1. Trigger: Auto Log Book Insertions**

-- Create log table

CREATE TABLE BookInsertLog (

Log\_ID INT AUTO\_INCREMENT PRIMARY KEY,

ISBN VARCHAR(20),

Title VARCHAR(255),

Inserted\_At DATETIME

);

-- Trigger

DELIMITER $$

CREATE TRIGGER after\_book\_insert

AFTER INSERT ON Books

FOR EACH ROW

BEGIN

INSERT INTO BookInsertLog (ISBN, Title, Inserted\_At)

VALUES (NEW.ISBN, NEW.Title, NOW());

END $$

DELIMITER ;

**✅ 2. Trigger: Prevent Reader Email Domain Not Ending in 'example.com'**

DELIMITER $$

CREATE TRIGGER check\_email\_domain

BEFORE INSERT ON Readers

FOR EACH ROW

BEGIN

IF SUBSTRING\_INDEX(NEW.Email, '@', -1) != 'example.com' THEN

SIGNAL SQLSTATE '45000'

SET MESSAGE\_TEXT = 'Email domain must be example.com';

END IF;

END $$

DELIMITER ;

**✅ 3. Trigger: Capitalize Publisher Name on Insert**

DELIMITER $$

CREATE TRIGGER format\_publisher\_name

BEFORE INSERT ON Publisher

FOR EACH ROW

BEGIN

SET NEW.name = UPPER(NEW.name);

END $$

DELIMITER ;