**Scenario 1:**

CREATE TRIGGER UpdateCustomerLastModified

AFTER UPDATE ON Customers

FOR EACH ROW

BEGIN

UPDATE Customers

SET LastModified = NOW()

WHERE CustomerID = OLD.CustomerID;

END;

**Scenario 2:**

CREATE TRIGGER LogTransaction

AFTER INSERT ON Transactions

FOR EACH ROW

BEGIN

INSERT INTO AuditLog (TransactionID, TransactionType, Amount, Timestamp)

VALUES (NEW.TransactionID, NEW.TransactionType, NEW.Amount, NOW());

END;

**Scenario 3:**

CREATE TRIGGER CheckTransactionRules

BEFORE INSERT ON Transactions

FOR EACH ROW

BEGIN

IF NEW.TransactionType = 'Withdrawal' THEN

DECLARE accountBalance DECIMAL(10,2);

SELECT Balance INTO accountBalance

FROM Accounts

WHERE AccountID = NEW.AccountID;

IF NEW.Amount > accountBalance THEN

SIGNAL SQLSTATE '45000' SET MESSAGE\_TEXT = 'Insufficient balance for withdrawal.';

END IF;

ELSEIF NEW.TransactionType = 'Deposit' THEN

IF NEW.Amount <= 0 THEN

SIGNAL SQLSTATE '45000' SET MESSAGE\_TEXT = 'Deposit amount must be positive.';

END IF;

END IF;

END;