```
Exercise 5: Triggers
Scenario 1:
CREATE OR REPLACE TRIGGER UpdateCustomerLastModified
BEFORE UPDATE ON customers
FOR EACH ROW
BEGIN
  :NEW.LastModified := SYSDATE;
END UpdateCustomerLastModified;
Scenario 2:
CREATE OR REPLACE TRIGGER LogTransaction
AFTER INSERT ON transactions
FOR EACH ROW
BEGIN
  INSERT INTO AuditLog (log_id, transaction_id, log_date, log_message)
  VALUES (audit_log_seq.NEXTVAL, :NEW.transaction_id, SYSDATE, 'Transaction recorded');
END LogTransaction;
/
Scenario 3:
CREATE OR REPLACE TRIGGER CheckTransactionRules
BEFORE INSERT ON transactions
FOR EACH ROW
DECLARE
  v_balance NUMBER;
BEGIN
  -- Check if the amount is positive
  IF:NEW.amount <= 0 THEN
    RAISE_APPLICATION_ERROR(-20001, 'Transaction amount must be positive.');
  END IF;
  -- Check if the withdrawal does not exceed the balance
```

SELECT balance INTO v_balance FROM accounts WHERE account_id = :NEW.account_id;

IF :NEW.transaction_type = 'withdrawal' THEN

IF v_balance < :NEW.amount THEN

```
RAISE_APPLICATION_ERROR(-20002, 'Insufficient balance for withdrawal.');

END IF;

END IF;

END CheckTransactionRules;
```