Scenario 1: Discount for customers above 60 years old

DECLARE

v\_customer\_age NUMBER;

v\_loan\_interest\_rate NUMBER;

v\_discount NUMBER := 0.01; -- 1% discount

BEGIN

FOR cur\_customer IN (SELECT \* FROM customers)

LOOP

v\_customer\_age := cur\_customer.age;

IF v\_customer\_age > 60 THEN

FOR cur\_loan IN (SELECT \* FROM loans WHERE customer\_id = cur\_customer.customer\_id)

LOOP

v\_loan\_interest\_rate := cur\_loan.interest\_rate;

v\_loan\_interest\_rate := v\_loan\_interest\_rate - (v\_loan\_interest\_rate \* v\_discount);

UPDATE loans

SET interest\_rate = v\_loan\_interest\_rate

WHERE loan\_id = cur\_loan.loan\_id;

END LOOP;

END IF;

END LOOP;

END;

Scenario 2: Promote customers to VIP status

DECLARE

v\_customer\_balance NUMBER;

BEGIN

FOR cur\_customer IN (SELECT \* FROM customers)

LOOP

v\_customer\_balance := cur\_customer.balance;

IF v\_customer\_balance > 10000 THEN

UPDATE customers

SET is\_vip = TRUE

WHERE customer\_id = cur\_customer.customer\_id;

END IF;

END LOOP;

END;

Scenario 3: Send reminders for loans due in the next 30 days

DECLARE

v\_loan\_due\_date DATE;

v\_customer\_name VARCHAR2(50);

BEGIN

FOR cur\_loan IN (SELECT \* FROM loans WHERE due\_date <= SYSTIMESTAMP + 30)

LOOP

v\_loan\_due\_date := cur\_loan.due\_date;

v\_customer\_name := (SELECT name FROM customers WHERE customer\_id = cur\_loan.customer\_id);

DBMS\_OUTPUT.PUT\_LINE('Reminder: Loan due on ' || v\_loan\_due\_date || ' for customer ' || v\_customer\_name);

END LOOP;

END;