Scenario 1: Apply a Discount to Loan Interest Rates for Customers Above 60 Years Old

DECLARE

CURSOR cur\_customers IS

SELECT customer\_id, age, loan\_interest\_rate

FROM customers

WHERE age > 60;

v\_customer\_id customers.customer\_id%TYPE;

v\_loan\_interest\_rate customers.loan\_interest\_rate%TYPE;

BEGIN

FOR rec IN cur\_customers LOOP

v\_customer\_id := rec.customer\_id;

v\_loan\_interest\_rate := rec.loan\_interest\_rate - 1;

-- Update the loan interest rate for the customer

UPDATE customers

SET loan\_interest\_rate = v\_loan\_interest\_rate

WHERE customer\_id = v\_customer\_id;

-- Optional: Print a message

DBMS\_OUTPUT.PUT\_LINE('Applied 1% discount for Customer ID: ' || v\_customer\_id);

END LOOP;

COMMIT;

END;

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Scenario 2: Promote Customers to VIP Status Based on Their Balance

DECLARE

CURSOR cur\_customers IS

SELECT customer\_id, balance

FROM customers

WHERE balance > 10000;

v\_customer\_id customers.customer\_id%TYPE;

BEGIN

FOR rec IN cur\_customers LOOP

v\_customer\_id := rec.customer\_id;

-- Update the IsVIP flag for the customer

UPDATE customers

SET IsVIP = 'TRUE'

WHERE customer\_id = v\_customer\_id;

-- Optional: Print a message

DBMS\_OUTPUT.PUT\_LINE('Customer ID: ' || v\_customer\_id || ' is now a VIP.');

END LOOP;

COMMIT;

END;

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Scenario 3: Send Reminders to Customers Whose Loans are Due Within the Next 30 Days

DECLARE

CURSOR cur\_loans IS

SELECT customer\_id, loan\_due\_date

FROM loans

WHERE loan\_due\_date BETWEEN SYSDATE AND SYSDATE + 30;

v\_customer\_id loans.customer\_id%TYPE;

v\_loan\_due\_date loans.loan\_due\_date%TYPE;

BEGIN

FOR rec IN cur\_loans LOOP

v\_customer\_id := rec.customer\_id;

v\_loan\_due\_date := rec.loan\_due\_date;

-- Optional: Print a reminder message

DBMS\_OUTPUT.PUT\_LINE('Reminder: Customer ID ' || v\_customer\_id ||

' has a loan due on ' || TO\_CHAR(v\_loan\_due\_date, 'DD-MON-YYYY'));

END LOOP;

-- No need for a COMMIT here since we are just printing messages

END;

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