**Scenario 1: Apply Interest Discount to Seniors (Age > 60)**

BEGIN

FOR cust IN (SELECT customer\_id, interest\_rate, age FROM loans JOIN customers USING(customer\_id)) LOOP

IF cust.age > 60 THEN

UPDATE loans

SET interest\_rate = interest\_rate - 0.01

WHERE customer\_id = cust.customer\_id;

END IF;

END LOOP;

COMMIT;

END;

/

**Output:**

|  |  |  |
| --- | --- | --- |
| **customer\_id** | **interest\_rate** | **age** |
| 101 | 7.5% | 65 |
| 102 | 8.0% | 55 |

**Scenario 2: Promote Customer to VIP Based on Balance**

BEGIN

FOR cust IN (SELECT customer\_id, balance FROM customers) LOOP

IF cust.balance > 10000 THEN

UPDATE customers

SET IsVIP = 'TRUE'

WHERE customer\_id = cust.customer\_id;

END IF;

END LOOP;

COMMIT;

END;

/

**Output**:

|  |  |
| --- | --- |
| **customer\_id** | **IsVIP** |
| 201 | TRUE |
| 202 | FALSE |

**Scenario 3: Loan Payment Reminders (Due in Next 30 Days)**

SET SERVEROUTPUT ON;

DECLARE

CURSOR due\_loans IS

SELECT c.customer\_id, c.name, l.due\_date

FROM customers c

JOIN loans l ON c.customer\_id = l.customer\_id

WHERE l.due\_date <= SYSDATE + 30;

BEGIN

FOR rec IN due\_loans LOOP

DBMS\_OUTPUT.PUT\_LINE('Reminder: Dear ' || rec.name ||

', your loan is due on ' || TO\_CHAR(rec.due\_date, 'DD-MON-YYYY'));

END LOOP;

END;

/

**Output:**

Reminder: Dear John Smith, your loan is due on 15-JUL-2025

Reminder: Dear Aarti Patel, your loan is due on 28-JUL-2025