SET SERVEROUTPUT ON;

CREATE TABLE customers (

customer\_id NUMBER PRIMARY KEY,

name VARCHAR2(50),

age NUMBER,

balance NUMBER,

isvip VARCHAR2(5)

);

CREATE TABLE loans (

loan\_id NUMBER PRIMARY KEY,

customer\_id NUMBER,

interest\_rate NUMBER,

due\_date DATE

);

INSERT INTO customers VALUES (1, 'Alice', 65, 12000, 'FALSE');

INSERT INTO customers VALUES (2, 'Bob', 45, 8000, 'FALSE');

INSERT INTO customers VALUES (3, 'Charlie', 70, 9500, 'FALSE');

INSERT INTO loans VALUES (101, 1, 9.5, SYSDATE + 10);

INSERT INTO loans VALUES (102, 2, 8.0, SYSDATE + 40);

INSERT INTO loans VALUES (103, 3, 10.0, SYSDATE + 5);

COMMIT;

BEGIN

FOR rec1 IN (

SELECT DISTINCT l.customer\_id

FROM customers c

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

WHERE c.age > 60

) LOOP

UPDATE loans

SET interest\_rate = interest\_rate - 1

WHERE customer\_id = rec1.customer\_id;

END LOOP;

FOR rec2 IN (

SELECT customer\_id

FROM customers

WHERE balance > 10000

) LOOP

UPDATE customers

SET isvip = 'TRUE'

WHERE customer\_id = rec2.customer\_id;

END LOOP;

FOR rec3 IN (

SELECT loan\_id, customer\_id, due\_date

FROM loans

WHERE due\_date <= SYSDATE + 30

) LOOP

DBMS\_OUTPUT.PUT\_LINE('Reminder: Loan ID ' || rec3.loan\_id ||

' for Customer ID ' || rec3.customer\_id ||

' is due on ' || TO\_CHAR(rec3.due\_date, 'DD-MON-YYYY'));

END LOOP;

END;

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