

- **Scenario 1**

```
SET SERVEROUTPUT ON;
```

```
DECLARE
```

```
    CURSOR cust_cursor IS
```

```
        SELECT c.CustomerID, l.LoanID, l.InterestRate, c.DOB
```

```
        FROM Customers c
```

```
        JOIN Loans l ON c.CustomerID = l.CustomerID;
```

```
    v_age NUMBER;
```

```
BEGIN
```

```
    FOR rec IN cust_cursor LOOP
```

```
        v_age := TRUNC(MONTHS_BETWEEN(SYSDATE, rec.DOB) / 12);
```

```
        IF v_age > 60 THEN
```

```
            UPDATE Loans
```

```
            SET InterestRate = InterestRate - 1
```

```
            WHERE LoanID = rec.LoanID;
```

```
            DBMS_OUTPUT.PUT_LINE('Discount applied to LoanID ' || rec.LoanID ||
```

```
                                   ' (Customer age: ' || v_age || ')');
```

```
        END IF;
```

```
    END LOOP;
```

```
    COMMIT;
```

```
END;
```

```
/
```

- **Scenario 2**

```
ALTER TABLE Customers ADD isVIP varchar(5);
```

```
SET SERVEROUTPUT ON;
```

```
DECLARE
```

```
    CURSOR Customer_cursor IS
```

```
        SELECT CustomerID, Balance FROM Customers;
```

```
BEGIN
```

```
    FOR cust in Customer_cursor LOOP
```

```
        IF cust.Balance > 10000 THEN
```

```
            UPDATE Customers
```

```
                SET isVIP = 'TRUE'
```

```
                WHERE CustomerID = cust.CustomerID;
```

```
                DBMS_OUTPUT.PUT_LINE('Customer ' || cust.CustomerID || ' promoted to VIP.');
```

```
        END IF;
```

```
    END LOOP;
```

```
    COMMIT;
```

```
END;
```

```
/
```

- **Scenario 3**

```
SET SERVEROUTPUT ON;
```

```
DECLARE
```

```
    CURSOR Customer_loans_cursor IS
```

```
        SELECT l.LoanID, c.CustomerID, l.EndDate, c.Name
```

```
        FROM Loans l
```

```
        JOIN Customers c ON l.CustomerID = c.CustomerID
```

```
        WHERE l.EndDate BETWEEN SYSDATE AND SYSDATE + 30;
```

```
BEGIN
```

```
    FOR cust_loan IN Customer_loans_cursor LOOP
```

```
        DBMS_OUTPUT.PUT_LINE('REMINDER : Customer '||cust_loan.Name ||
```

```
                                'Customer ID : '||cust_loan.CustomerID ||
```

```
                                ' has a Loan (Loan ID : '||cust_loan.LoanID|| ') due on
```

```
        '||TO_CHAR(cust_loan.EndDate, 'DD-Mon-YYYY')||'.');
```

```
    END LOOP;
```

```
END;
```

```
/
```