## **Exercise 1:-**

### **Scenario 1: Apply a discount to loan interest rates for customers above 60 years old**

BEGIN

FOR rec IN (SELECT LoanID, InterestRate, CustomerID

FROM Loans

INNER JOIN Customers ON Loans.CustomerID = Customers.CustomerID

WHERE EXTRACT(YEAR FROM SYSDATE) - EXTRACT(YEAR FROM DOB) > 60)

LOOP

UPDATE Loans

SET InterestRate = InterestRate - 1

WHERE LoanID = rec.LoanID;

END LOOP;

END;

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### **Scenario 2: Set IsVIP flag for customers with a balance over $10,000**

BEGIN

FOR rec IN (SELECT CustomerID

FROM Customers

WHERE Balance > 10000)

LOOP

UPDATE Customers

SET IsVIP = TRUE

WHERE CustomerID = rec.CustomerID;

END LOOP;

END;

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

plsql

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BEGIN

FOR rec IN (SELECT LoanID, CustomerID, EndDate

FROM Loans

WHERE EndDate BETWEEN SYSDATE AND SYSDATE + 30)

LOOP

DBMS\_OUTPUT.PUT\_LINE('Reminder: Loan ' || rec.LoanID || ' is due for customer ' || rec.CustomerID || ' on ' || rec.EndDate);

END LOOP;

END;

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