**PL/SQL**

Exercise 1: CONTROL SEQUENCE

-- Scenario 1: Apply 1% discount if age > 60

BEGIN

FOR rec IN (SELECT CustomerID, Age FROM CUSTOMERS) LOOP

IF rec.Age > 60 THEN

UPDATE LOANS

SET InterestRate = InterestRate - 1

WHERE CustomerID = rec.CustomerID;

END IF;

END LOOP;

COMMIT;

END;

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-- Scenario 2: Promote to VIP if balance > 10000

BEGIN

FOR rec IN (SELECT CustomerID, Balance FROM CUSTOMERS) LOOP

IF rec.Balance > 10000 THEN

UPDATE CUSTOMERS

SET IsVIP = 'Y'

WHERE CustomerID = rec.CustomerID;

END IF;

END LOOP;

COMMIT;

END;

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-- Scenario 3: Insert reminder messages into TEMP\_MESSAGES

BEGIN

FOR rec IN (

SELECT c.Name, l.DueDate

FROM CUSTOMERS c

JOIN LOANS l ON c.CustomerID = l.CustomerID

WHERE l.DueDate BETWEEN SYSDATE AND SYSDATE + 30

) LOOP

INSERT INTO TEMP\_MESSAGES (msg)

VALUES ('Reminder: ' || rec.Name || ' has a loan due on ' || TO\_CHAR(rec.DueDate, 'DD-MON-YYYY'));

END LOOP;

COMMIT;

END;

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