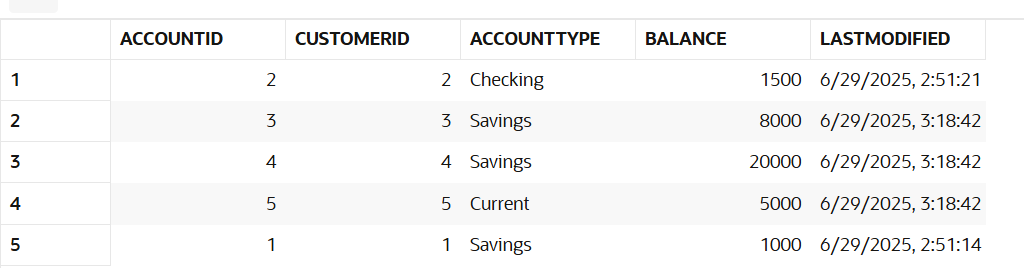
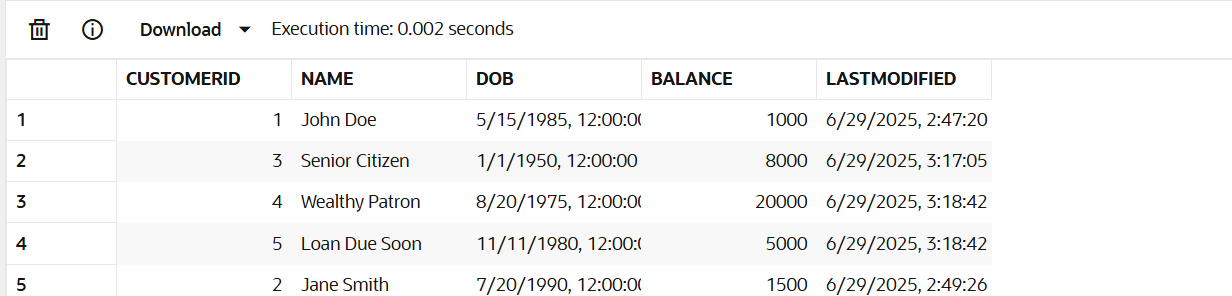
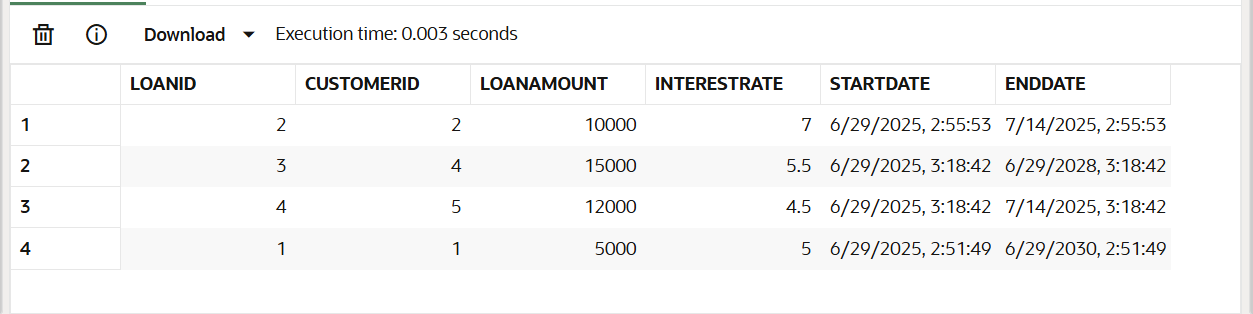
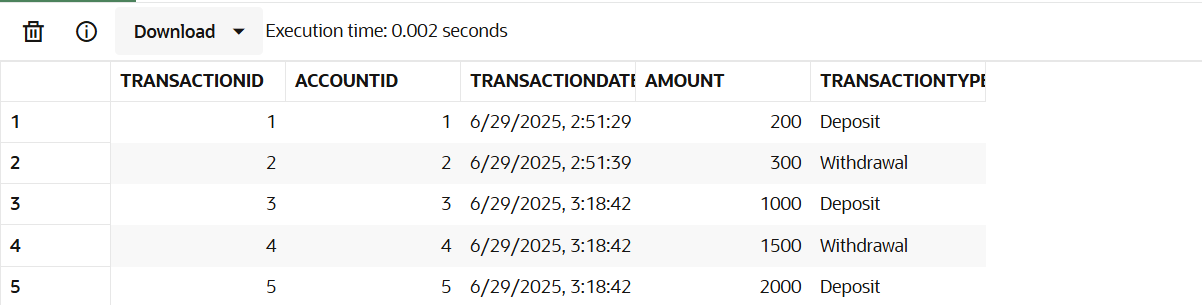
**Tables:**











**Scenario 1: Process Monthly Interest for All Savings Accounts**

**PL/SQL Code:**

CREATE OR REPLACE PROCEDURE ProcessMonthlyInterest IS

BEGIN

    FOR acc IN (

        SELECT AccountID, Balance

        FROM Accounts

        WHERE AccountType = 'Savings'

    ) LOOP

        UPDATE Accounts

        SET Balance = Balance + (acc.Balance \* 0.01)

        WHERE AccountID = acc.AccountID;

    END LOOP;

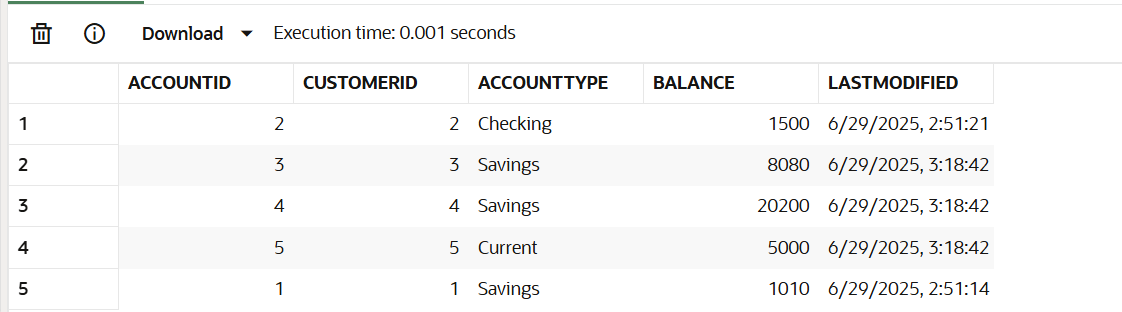
END;

BEGIN

    ProcessMonthlyInterest;

END;

SELECT \* FROM Accounts;

**Output:  
 **

**Scenario 2: Bonus for Employees by Department**

**Code:**

CREATE OR REPLACE PROCEDURE UpdateEmployeeBonus (

    dept\_name IN VARCHAR2,

    bonus\_percent IN NUMBER

) IS

BEGIN

    UPDATE Employees

    SET Salary = Salary + (Salary \* (bonus\_percent / 100))

    WHERE Department = dept\_name;

END;

BEGIN

    UpdateEmployeeBonus('IT', 10);

END;

SELECT \* FROM Employees;

**Output:**

****

**Scenario 3: Transfer Funds Between Accounts**

**Code:**

CREATE OR REPLACE PROCEDURE TransferFunds (

from\_acc IN NUMBER,

to\_acc IN NUMBER,

amt IN NUMBER

) IS

from\_balance NUMBER;

BEGIN

SELECT Balance INTO from\_balance FROM Accounts WHERE AccountID = from\_acc;

IF from\_balance < amt THEN

RAISE\_APPLICATION\_ERROR(-20001, 'Insufficient funds in source account.');

END IF;

UPDATE Accounts SET Balance = Balance - amt WHERE AccountID = from\_acc;

UPDATE Accounts SET Balance = Balance + amt WHERE AccountID = to\_acc;

END;

BEGIN

TransferFunds(1, 2, 500);

END;

SELECT AccountID, Balance FROM Accounts WHERE AccountID IN (1, 2);

**Output:**