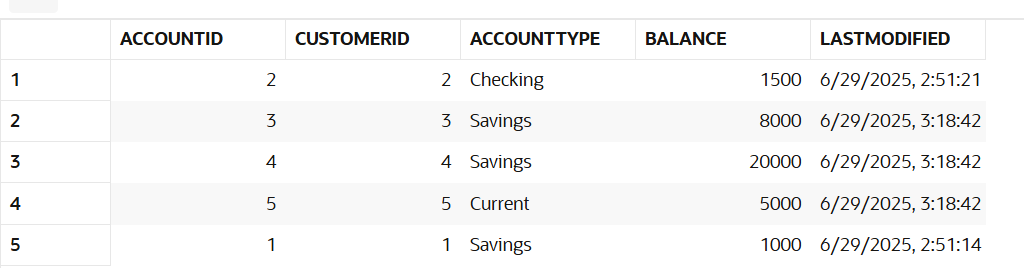
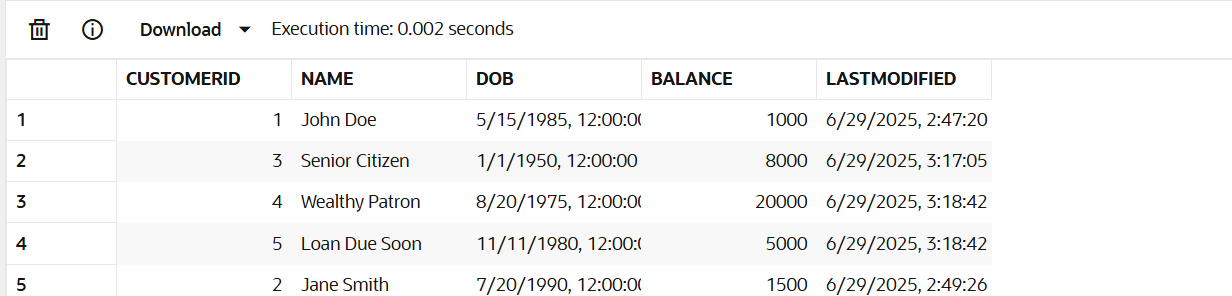
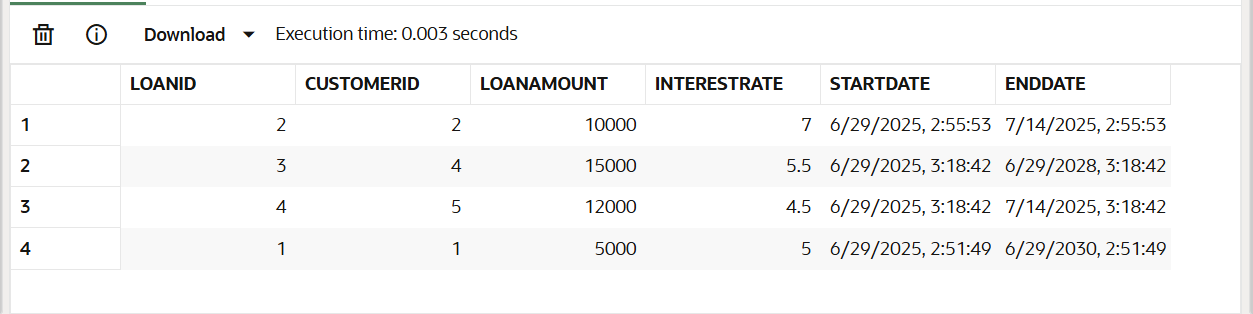
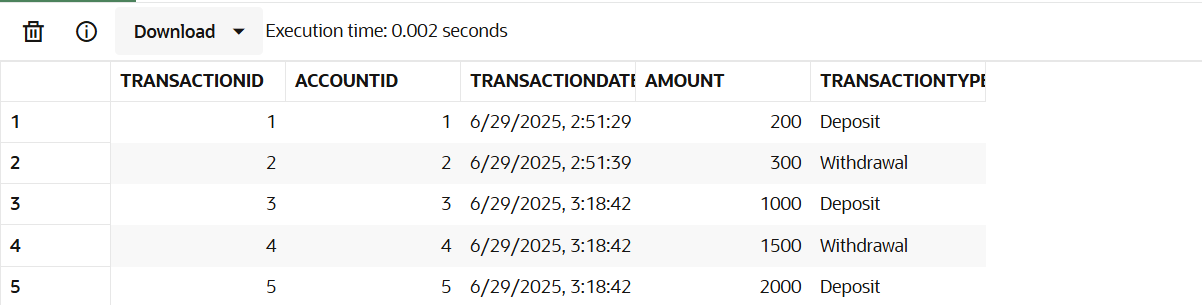
**Tables:**











**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;

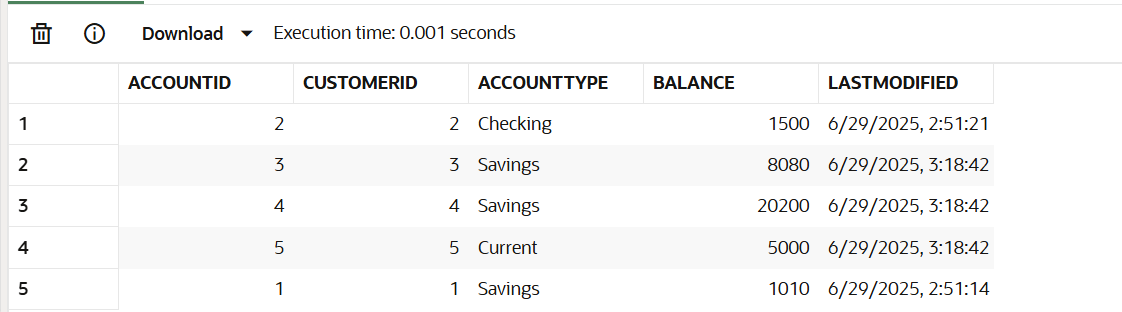
END;

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;

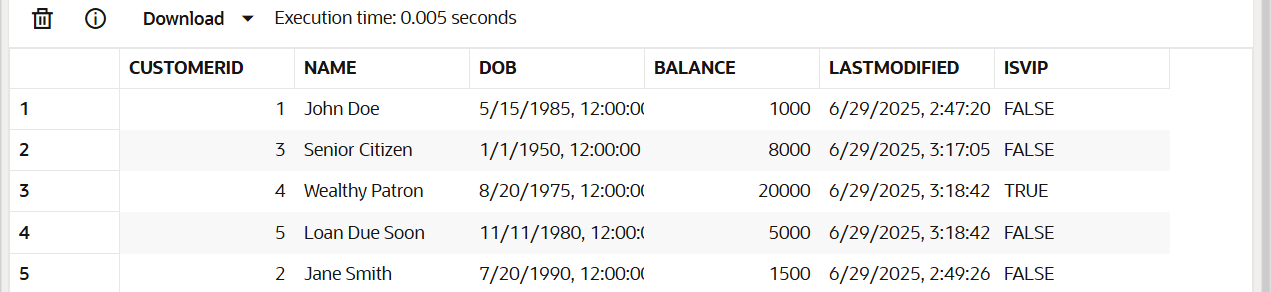
BEGIN

    UpdateEmployeeBonus('IT', 10);

END;

SELECT \* FROM Employees;

**Output:**

****

**Scenario 3: Send Reminders for Loans Due in Next 30 DaysCode:**

BEGIN

FOR loan\_rec IN (

SELECT LoanID, CustomerID, EndDate

FROM Loans

WHERE EndDate <= SYSDATE + 30

) LOOP

DECLARE

cust\_name VARCHAR2(100);

BEGIN

SELECT Name INTO cust\_name

FROM Customers

WHERE CustomerID = loan\_rec.CustomerID;

DBMS\_OUTPUT.PUT\_LINE('Reminder: Loan ' || loan\_rec.LoanID ||

' for customer ' || cust\_name ||

' is due on ' || TO\_CHAR(loan\_rec.EndDate, 'YYYY-MM-DD'));

END;

END LOOP;

END;  
  
**Output:**