**CODE**

CREATE TABLE accounts (

account\_id NUMBER PRIMARY KEY,

customer\_id NUMBER,

balance NUMBER(12, 2)

);

-- account\_id, customer\_id, balance

INSERT INTO accounts VALUES (101, 1, 5000.00);

INSERT INTO accounts VALUES (102, 2, 12000.00);

INSERT INTO accounts VALUES (103, 3, 7500.50);

INSERT INTO accounts VALUES (104, 4, 15000.00);

INSERT INTO accounts VALUES (105, 5, 8900.75);

INSERT INTO accounts VALUES (106, 6, 3000.00);

INSERT INTO accounts VALUES (107, 7, 2200.00);

INSERT INTO accounts VALUES (108, 8, 9800.00);

INSERT INTO accounts VALUES (109, 9, 13400.25);

INSERT INTO accounts VALUES (110, 10, 4100.00);

COMMIT;

SELECT \* FROM ACCOUNTS;

CREATE OR REPLACE PROCEDURE ProcessMonthlyInterest IS

BEGIN

UPDATE accounts

SET balance = balance + (balance \* 0.01);

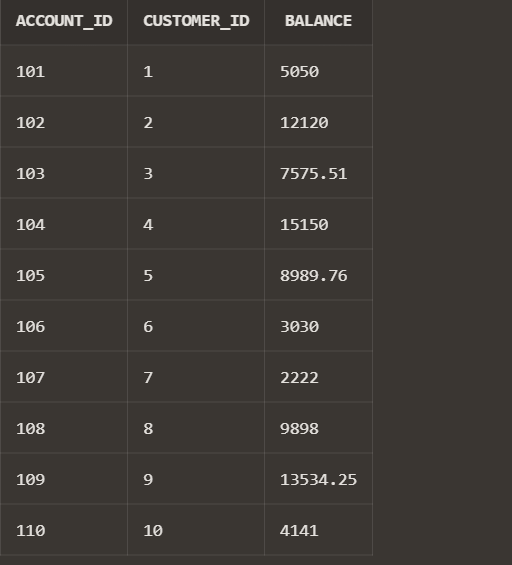
COMMIT;

END;

EXEC ProcessMonthlyInterest;

SELECT \* FROM ACCOUNTS;

**OUTPUT**



**CODE**

CREATE TABLE employees (

emp\_id NUMBER PRIMARY KEY,

name VARCHAR2(100),

department VARCHAR2(50),

salary NUMBER(10, 2)

);

-- emp\_id, name, department, salary

INSERT INTO employees VALUES (1, 'John Smith', 'Sales', 50000.00);

INSERT INTO employees VALUES (2, 'Alice Brown', 'HR', 55000.00);

INSERT INTO employees VALUES (3, 'Mike Johnson', 'Sales', 62000.00);

INSERT INTO employees VALUES (4, 'Emily Davis', 'IT', 70000.00);

INSERT INTO employees VALUES (5, 'David Wilson', 'Sales', 58000.00);

COMMIT;

SELECT \* FROM EMPLOYEES;

CREATE OR REPLACE PROCEDURE UpdateEmployeeBonus (

p\_department IN VARCHAR2,

p\_bonus\_percent IN NUMBER

) IS

BEGIN

UPDATE employees

SET salary = salary + (salary \* p\_bonus\_percent / 100)

WHERE department = p\_department;

COMMIT;

END;

EXEC UpdateEmployeeBonus('Sales', 10);

**OUTPUT**



**CODE**

CREATE OR REPLACE PROCEDURE TransferFunds (

p\_from\_account IN NUMBER,

p\_to\_account IN NUMBER,

p\_amount IN NUMBER

) IS

v\_from\_balance NUMBER;

BEGIN

-- Check if source account has enough balance

SELECT balance INTO v\_from\_balance

FROM accounts

WHERE account\_id = p\_from\_account;

IF v\_from\_balance < p\_amount THEN

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

END IF;

-- Deduct from source

UPDATE accounts

SET balance = balance - p\_amount

WHERE account\_id = p\_from\_account;

-- Add to destination

UPDATE accounts

SET balance = balance + p\_amount

WHERE account\_id = p\_to\_account;

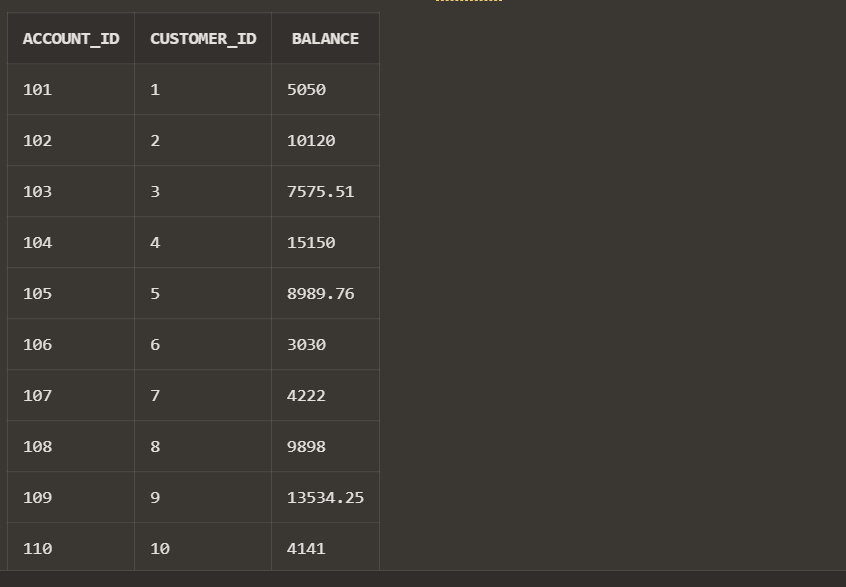
COMMIT;

END;

EXEC TransferFunds(102,107,2000);

SELECT \* FROM ACCOUNTS;

**OUTPUT**



Link :”<https://livesql.oracle.com/ords/livesql/s/dmojw9bi9tys1vgxkosijlh92>”