**Scenario 1:**

CREATE OR REPLACE PROCEDURE ProcessMonthlyInterest IS

BEGIN

FOR acc IN (SELECT account\_id, balance FROM savings\_accounts) LOOP

UPDATE savings\_accounts

SET balance = balance + (balance \* 0.01)

WHERE account\_id = acc.account\_id;

END LOOP;

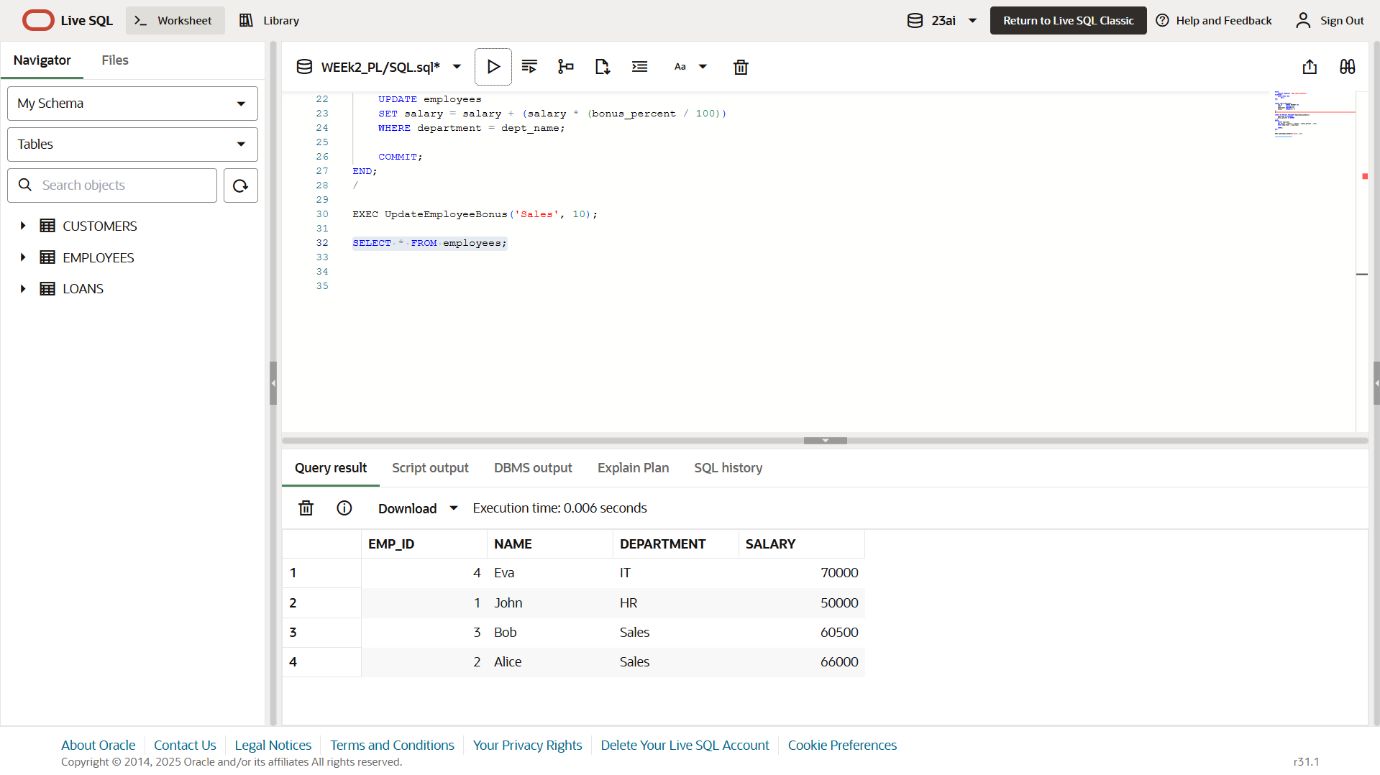
COMMIT;

END;

/

EXEC ProcessMonthlyInterest;

**OUTPUT:**

****

**Scenario 2:**

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;

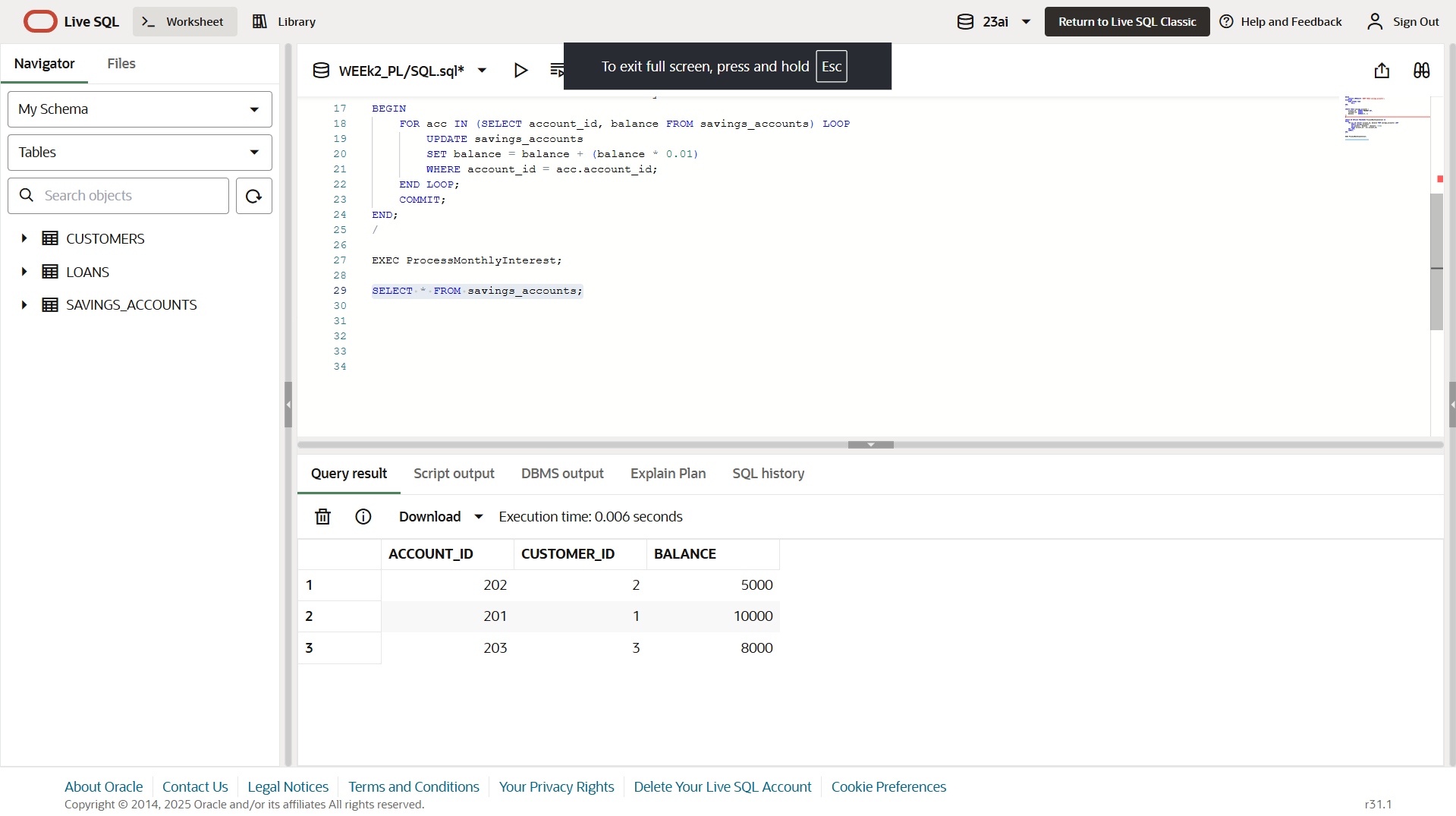
COMMIT;

END;

/

EXEC UpdateEmployeeBonus('Sales', 10);

**OUTPUT:**

****

**Scenario 3:**

CREATE OR REPLACE PROCEDURE TransferFunds (

from\_account\_id IN NUMBER,

to\_account\_id IN NUMBER,

amount IN NUMBER

) IS

from\_balance NUMBER;

BEGIN

SELECT balance INTO from\_balance

FROM accounts

WHERE account\_id = from\_account\_id;

IF from\_balance < amount THEN

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

END IF;

UPDATE accounts

SET balance = balance - amount

WHERE account\_id = from\_account\_id;

UPDATE accounts

SET balance = balance + amount

WHERE account\_id = to\_account\_id;

COMMIT;

END;

/

EXEC TransferFunds(301, 302, 2000);

SELECT \* FROM accounts;

**OUTPUT:**

