**Scenario 3: Customers should be able to transfer funds between their accounts.**

**CREATE OR REPLACE PROCEDURE TransferFunds (**

**from\_account IN NUMBER,**

**to\_account IN NUMBER,**

**amount IN NUMBER**

**) IS**

**from\_balance NUMBER;**

**BEGIN**

**-- Lock and fetch source balance**

**SELECT balance INTO from\_balance**

**FROM accounts**

**WHERE accountid = from\_account**

**FOR UPDATE;**

**-- Check for sufficient balance**

**IF from\_balance >= amount THEN**

**-- Deduct from source account**

**UPDATE accounts**

**SET balance = balance - amount**

**WHERE accountid = from\_account;**

**-- Add to target account**

**UPDATE accounts**

**SET balance = balance + amount**

**WHERE accountid = to\_account;**

**COMMIT;**

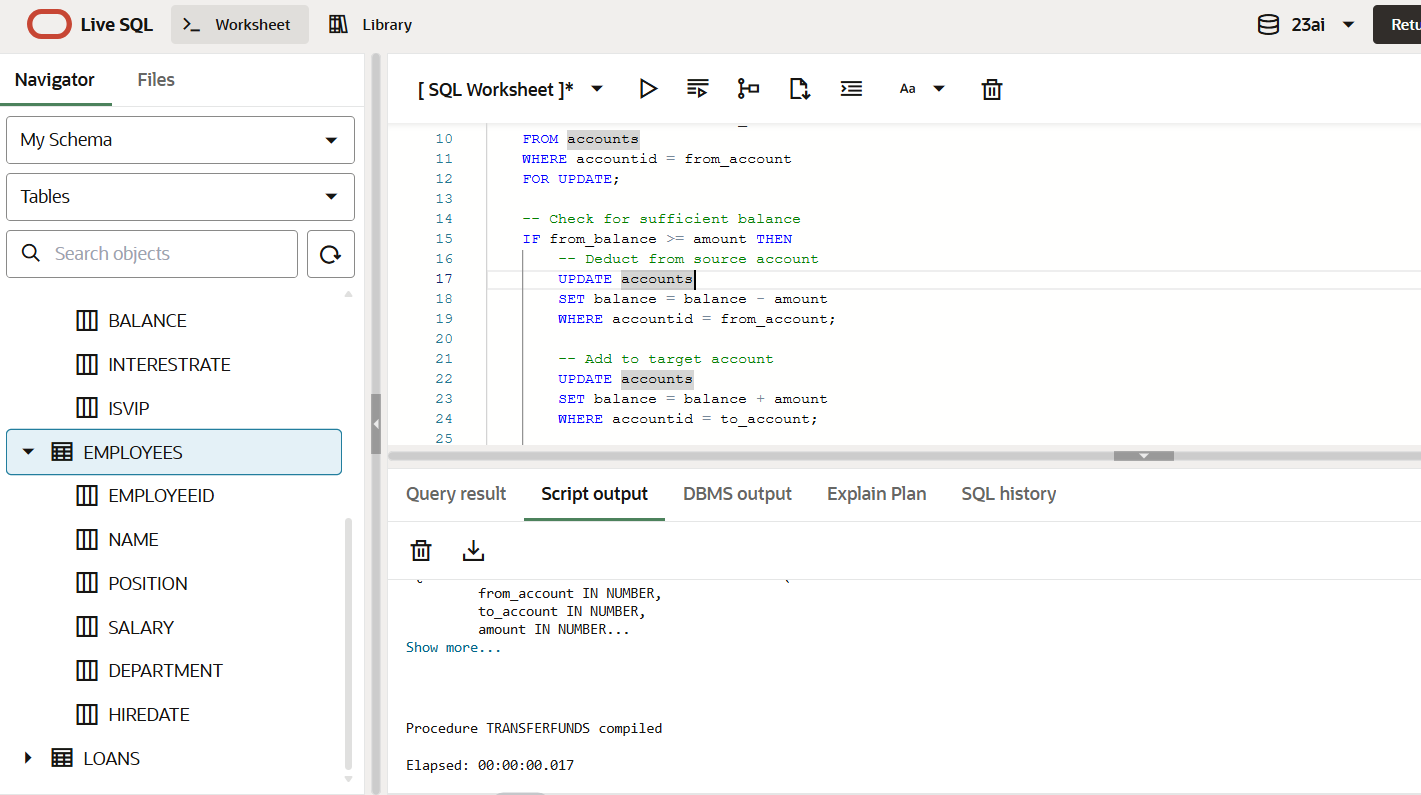
**ELSE**

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

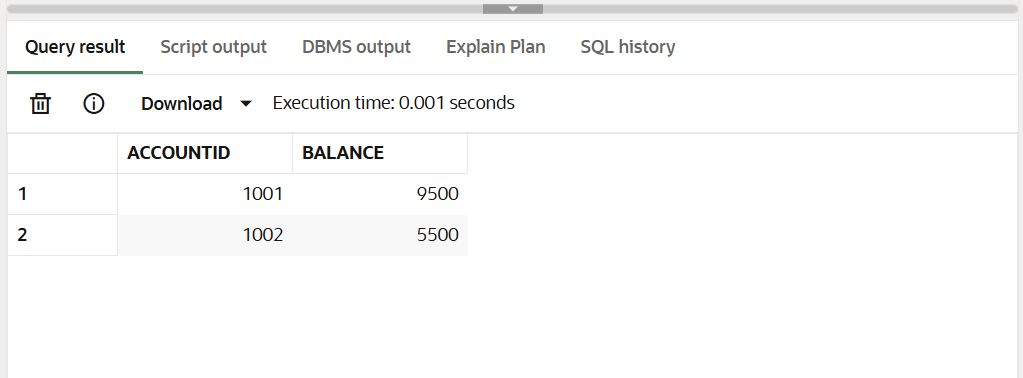
**END IF;**

**END;**

**/**

****

**OUTPUT**

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