**Scenario 3: Transfer Funds Between Accounts**

**Sample Accounts Table:-**

| **AccountID** | **CustomerID** | **Balance** |
| --- | --- | --- |
| **2001** | **101** | **5000** |
| **2002** | **101** | **3000** |

**Stored Procedure: TransferFunds:-**

**CREATE OR REPLACE PROCEDURE TransferFunds(**

**from\_account IN NUMBER,**

**to\_account IN NUMBER,**

**amount IN NUMBER**

**) AS**

**insufficient\_balance EXCEPTION;**

**current\_balance NUMBER;**

**BEGIN**

**SELECT Balance INTO current\_balance**

**FROM Accounts**

**WHERE AccountID = from\_account;**

**IF current\_balance < amount THEN**

**RAISE insufficient\_balance;**

**END IF;**

**UPDATE Accounts**

**SET Balance = Balance - amount**

**WHERE AccountID = from\_account;**

**UPDATE Accounts**

**SET Balance = Balance + amount**

**WHERE AccountID = to\_account;**

**EXCEPTION**

**WHEN insufficient\_balance THEN**

**DBMS\_OUTPUT.PUT\_LINE('Error: Insufficient funds for transfer.');**

**END;**

**Example Call:-**

**BEGIN**

**TransferFunds(2001, 2002, 2000);**

**END;**

**After Execution:-**

| **AccountID** | **Balance** |
| --- | --- |
| **2001** | **3000** |
| **2002** | **5000** |