Solution

Scenario: 1

```
CREATE OR REPLACE PROCEDURE SafeTransferFunds(acc1 NUMBER, acc2
NUMBER, amt NUMBER)
IS
    amt_insufficient EXCEPTION;
    acc_not_found EXCEPTION;
    bal NUMBER;
BEGIN
    SELECT balance INTO bal
    FROM accounts
    WHERE accountid = acc1;
    IF bal < amt THEN
        RAISE amt_insufficient;
    ELSE
        UPDATE accounts SET balance = balance + amt
        WHERE accountid = acc2;
        IF SQL%NOTFOUND THEN
            RAISE acc_not_found;
        END IF;
        UPDATE accounts SET balance = balance - amt
        WHERE accountid = acc1;
    END IF;

EXCEPTION
    WHEN acc_not_found THEN
        DBMS_OUTPUT.PUT_LINE('Account no. '|| acc2 || ' not
found.');
    WHEN amt_insufficient THEN
        DBMS_OUTPUT.PUT_LINE('Account does not have enough
balance.');
    WHEN NO_DATA_FOUND THEN
        DBMS_OUTPUT.PUT_LINE('Account no. '|| acc1 || ' not
found.');
END;
/
```

Scenario: 2

```
CREATE OR REPLACE PROCEDURE UpdateSalary(emp_no NUMBER, percent
NUMBER)
IS
```

```
    emp_not_found EXCEPTION;
BEGIN
    UPDATE employees SET salary = salary * (1+(percent/100))
    WHERE employeeid = emp_no;
    IF SQL%NOTFOUND THEN
        RAISE emp_not_found;
    END IF;

EXCEPTION
    WHEN emp_not_found THEN
        DBMS_OUTPUT.PUT_LINE('EmployeeID '|| emp_no || ' not
found.');
END;
/
```

Scenario: 3

```
CREATE OR REPLACE PROCEDURE AddNewCustomer(cust_id NUMBER, c_name
VARCHAR2,c_dob DATE, c_bal NUMBER, c_lm DATE)
IS
    cust_exists EXCEPTION;
    PRAGMA EXCEPTION_INIT(cust_exists, -00001);
BEGIN
    INSERT INTO customers VALUES(cust_id, c_name,c_dob, c_bal,
c_lm);

EXCEPTION
    WHEN cust_exists THEN
        DBMS_OUTPUT.PUT_LINE('CustomerID '|| cust_id || ' already
exists in table.');
END;
/
```