

TC-C-08

Evidence:

The screenshot shows the Truffle UI interface. On the left, the 'DEPLOY & RUN TRANSACTIONS' sidebar is open, showing deployment details and a list of deployed contracts. The 'CALCULATOR' contract is selected, showing its balance (0 ETH) and three functions: 'addition', 'multiply', and 'multiply2'. Below these are two buttons: 'SUBTRACTION' and 'result'. The 'SUBTRACTION' button is highlighted with a red box. On the right, the 'Output' tab is active, displaying a transaction log. The log shows a pending transaction to 'Calculator.subtraction' with parameters 'num1_<input>' and 'num2_<input>'. It then shows an error message: 'transact to Calculator.subtraction errored: Error occurred: revert'. A detailed revert message follows: 'revert The transaction has been reverted to the initial state. Note: The called function should be payable if you send value and the value you send should be less than your current balance. If the transaction failed for not having enough gas, try increasing the gas limit gently.' The code editor at the top shows the Solidity source code for the 'Calculator.sol' contract.

```
// SPDX-License-Identifier: MIT
// File: Calculator.sol
// This is a simple calculator contract that performs addition and subtraction.
// It also emits events for each operation.

pragma solidity ^0.8.0;

contract Calculator {
    // Events
    event Addition(uint256 number1, uint256 number2, uint256 result);
    event Subtraction(uint256 number1, uint256 number2, uint256 result);

    // External functions
    function addition(uint256 num1_, uint256 num2_) public returns(uint256 result_) {
        result_ = num1_ + num2_;
        emit Addition(num1_, num2_, result_);
    }

    function subtraction(uint256 num1_, uint256 num2_) public returns(uint256 result_) {
        result_ = num1_ - num2_;
        emit Subtraction(num1_, num2_, result_);
    }
}
```