

TC-C-09

Evidence:

The screenshot shows the REMIX IDE interface. On the left, the 'DEPLOY & RUN TRANSACTIONS' panel displays a deployed contract named 'CALCULATOR' at address 0xD91...3913f. The balance is 0 ETH. It lists three functions: 'addition', 'multiply', and 'MULTIPLY2'. Under 'MULTIPLY2', there is a field 'num1_'. Below these are buttons for 'Calldata', 'Parameters', and 'transact'. A red box highlights the 'Parameters' button. To its right is a 'result' field showing 0: uint256: 10.

The main area shows the 'Calculator.sol' source code. The code includes event definitions for addition and subtraction, and two external functions: 'addition' and 'subtraction'. The 'subtraction' function takes two parameters and returns one result. A red box highlights the entire function body.

At the bottom, the 'Output' tab is selected, showing a log entry: 'call to Calculator.subtraction2' followed by transaction details: 'call [call] from: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4 to: Calculator.subtraction2(int256,int256) data: 0xe0a...00003'. A red box highlights this log entry.

```
C:\Users\Dev777\Desktop\Smart contract structure
```

```
DEPLOY & RUN TRANSACTIONS
CALCULATOR AT 0xD91...3913f
Balance: 0 ETH
addition uint256 num1_, uint256 nur
multiply uint256 num1_
MULTIPLY2
num1_
Calldata Parameters transact
subtraction uint256 num1_, uint256 nur
result
0: uint256: 10
SUBTRACTION2
num1_ -10
num2_ 3
Calldata Parameters call
0: int256: result_-13
```

```
18 }
19
20 // Events
21 event Addition(uint256 number1, uint256 number2, uint256 result);
22 event Subtraction(uint256 number1, uint256 number2, uint256 result);
23
24 // External functions
25 function addition(uint256 num1_, uint256 num2_) public returns(uint256 result_) {
26     result_ = num1_ + num2_;
27
28     emit Addition(num1_, num2_, result_);
29 }
30
31 function subtraction(uint256 num1_, uint256 num2_) public returns(uint256 result_) {
```

Output

```
call to Calculator.subtraction2
call [call] from: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4
to: Calculator.subtraction2(int256,int256) data: 0xe0a...00003
```

Low level interactions