

TC-C-05

Evidence:

The screenshot shows the REMIX IDE interface. On the left, the 'DEPLOY & RUN' sidebar is open, showing 'TRANSACTIONS RECORDED' and a checkbox for 'Run transactions using the latest compilation result'. Below it, the 'Deployed Contracts' section shows a deployed contract at address 0xd91...39138 with a balance of 0 ETH. A red box highlights the 'ADDITION MAX + 1' section where 'num1:' is set to a very large value (11579208923731619542357098500) and 'num2:' is set to 1. The 'transact' button is also highlighted. On the right, the code editor displays 'Calculator.sol' with Solidity code for addition and subtraction functions. The 'Output' tab is selected, showing a transaction log for an addition call that failed with a revert error due to insufficient gas.

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}
// 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_);
}
```

transact to Calculator.addition pending ...

[vm] from: 0x5B3...eddC4 to: Calculator.addition(uint256,uint256) 0xd91...39138
value: 0 wei data: 0x54f...00001 logs: 0 hash: 0x2ae...ecfee

transact to Calculator.addition errored: Error occurred: revert.

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.