

Homework 1 – Group 12

1. Try method `setText` on a contract that was not deployed by the caller
 - a. Deploy an interface at the contract address from another wallet and call `setText`
Contract: `0xCA3d8CC931dD96b57f365e7d85D03ae29b5cA36D`
Owner: `0xD6e0613A2cAEa9227e6E7eB2Bbe56F6E99EC08bb`
Caller: `0xf989CA835FE863907E0CCce67dD4E08ac6Dd7E5f`
Result: Failed, „Caller is not the owner”
Transaction:
<https://sepolia.etherscan.io/tx/0xe13c016eccbc9fec620522a1155b98dc7fc9bc4d5a2b25fdf3311e3c4b9bc773>

OverviewState

[This is a Sepolia **Testnet** transaction only]

Transaction Hash:

0xe13c016eccbc9fec620522a1155b98dc7fc9bc4d5a2b25fdf3311e3c4b9bc773

Status:

Fail with error 'Caller is not the owner'

Block:

54982488 Block Confirmations

Timestamp:

1 min ago (Mar-16-2024 02:25:36 PM +UTC)

Transaction Action:

Call `setText` Function by `0xf989CA83...ac6Dd7E5f` on `0xCA3d8CC9...29b5cA36D`

From:

`0xf989CA835FE863907E0CCce67dD4E08ac6Dd7E5f`

To:

`0xCA3d8CC931dD96b57f365e7d85D03ae29b5cA36D`
Warning! Error encountered during contract execution [execution reverted]

Value:

0 ETH (\$0.00)

Transaction Fee:

0.000318070687381737 ETH (\$0.00)

Gas Price:

12.943909469 Gwei (0.000000012943909469 ETH)

More Details:

+ Click to show more

2. Try method `setText` on a contract that was deployed by the caller
 - a. Deploy the contract to the Testnet and call `setText`
Contract: `0xCA3d8CC931dD96b57f365e7d85D03ae29b5cA36D`
Owner: `0xf989CA835FE863907E0CCce67dD4E08ac6Dd7E5f`
Caller: `0xf989CA835FE863907E0CCce67dD4E08ac6Dd7E5f`
Result: Success
Transaction:
<https://sepolia.etherscan.io/tx/0x93f21bdb01b07f40a3081970f6bf876d124c852d1076c68e37b686b7de5a3e5b>

[This is a Sepolia **Testnet** transaction only]

Transaction Hash: `0x93f21bdb01b07f40a3081970f6bf876d124c852d1076c68e37b686b7de5a3e5b`

Status: Success

Block: `5498282` 2 Block Confirmations

Timestamp: 33 secs ago (Mar-16-2024 02:32:24 PM +UTC)

Transaction Action: Call setText Function by `0xf989CA83...ac6Dd7E5f` on `0x39009fe7...27a3982D3`

From: `0xf989CA835FE863907E0CCce67dD4E08ac6Dd7E5f`

To: `0x39009fe711B961dE577578023394c5D27a3982D3`

Value: 0 ETH (\$0.00)

Transaction Fee: 0.0004439024752433 ETH (\$0.00)

Gas Price: 14.84325805 Gwei (0.00000001484325805 ETH)

More Details: [+ Click to show more](#)

3. Change owner of the contract and try setText method

a. Call transferOwnership

Contract: 0xCA3d8CC931dD96b57f365e7d85D03ae29b5cA36D

Owner: 0xf989CA835FE863907E0CCce67dD4E08ac6Dd7E5f

Caller: 0xf989CA835FE863907E0CCce67dD4E08ac6Dd7E5f

Result: Success, new owner 0xD6e0613A2cAEa9227e6E7eB2Bbe56F6E99EC08bb

Transaction:

<https://sepolia.etherscan.io/tx/0x0df06aa20d6a7f7d9da8b2b5b839f7c8badcdc09a64a061cb261f47e374e359c>

[This is a Sepolia Testnet transaction only]

Transaction Hash:	0x0df06aa20d6a7f7d9da8b2b5b839f7c8badcdc09a64a061cb261f47e374e359c
Status:	Success
Block:	5498317 1 Block Confirmation
Timestamp:	15 secs ago (Mar-16-2024 02:40:24 PM +UTC)
Transaction Action:	Call Transfer Ownership Function by 0xf989CA83...ac6Dd7E5f on 0x39009fe7...27a3982D3
From:	0xf989CA835FE863907E0CCce67dD4E08ac6Dd7E5f
To:	0x39009fe711B961dE577578023394c5D27a3982D3
Value:	0 ETH (\$0.00)
Transaction Fee:	0.00039358628936788 ETH (\$0.00)
Gas Price:	14.491395043 Gwei (0.000000014491395043 ETH)

More Details: [+ Click to show more](#)

A transaction is a cryptographically signed instruction that changes the blockchain state. Block explorers track the details of all transactions in the network. Learn more about transactions in our [Knowledge Base](#).

b. Call setText

Contract: 0xCA3d8CC931dD96b57f365e7d85D03ae29b5cA36D

Owner: 0xD6e0613A2cAEa9227e6E7eB2Bbe56F6E99EC08bb

Caller: 0xf989CA835FE863907E0CCce67dD4E08ac6Dd7E5f

Result: Failed, „Caller is not the owner”

Transaction:

<https://sepolia.etherscan.io/tx/0x3eb3a44f17b12c8771b951997731d1b42bb67dc9009f71df585ee3edf8c481b4>

Transaction Details < >

Overview State

[This is a Sepolia Testnet transaction only]

Transaction Hash:	0x3eb3a44f17b12c8771b951997731d1b42bb67dc9009f71df585ee3edf8c481b4
Status:	Fail with error 'Caller is not the owner'
Block:	5498328 5 Block Confirmations
Timestamp:	1 min ago (Mar-16-2024 02:42:48 PM +UTC)
Transaction Action:	Call Set Text Function by 0xf989CA83...ac6Dd7E5f on 0x39009fe7...27a3982D3
From:	0xf989CA835FE863907E0CCce67dD4E08ac6Dd7E5f
To:	0x39009fe711B961dE577578023394c5D27a3982D3 <small>Warning! Error encountered during contract execution [execution reverted]</small>
Value:	0 ETH (\$0.00)
Transaction Fee:	0.000380650258763809 ETH (\$0.00)
Gas Price:	15.203509157 Gwei (0.000000015203509157 ETH)

More Details: [+ Click to show more](#)

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