

Storage.sol

The screenshot displays the Remix IDE interface. On the left sidebar, the 'DEPLOY & RUN TRANSACTIONS' panel is active. It shows a 'VALUE' field set to 'Wei', a 'CONTRACT' dropdown set to 'Storage - contracts/1_Storage.sol', and a 'Deploy' button. Below this, there are options to 'Publish to IPFS' and 'At Address'. The 'Transactions recorded' section shows 2 transactions. The 'Deployed Contracts' section shows a contract named 'STORAGE AT 0X8A7...8BB45 (BLOCKC)' with a 'store' button and a 'retrieve' button. The 'Low level interactions' section shows a 'CALLDATA' field and a 'Transact' button.

The main editor displays the Solidity code for the 'Storage.sol' contract:

```
1 // SPDX-License-Identifier: GPL-3.0
2
3 pragma solidity >=0.7.0 <0.9.0;
4
5 /**
6  * @title Storage
7  * @dev Store & retrieve value in a variable
8  */
9 contract Storage {
10
11     uint256 number;
12
13     /**
14      * @dev Store value in variable
15      * @param num value to store
16      */
17     function store(uint256 num) public {
18         number = num;
19     }
20
21     /**
22      * @dev Return value
23      * @return value of 'number'
24      */
25     function retrieve() public view returns (uint256){
26         return number;
27     }
28 }
```

The bottom panel shows the transaction log with the following entries:

- call to Bank.account_balances
- call to Bank.bankBalance
- creation of Storage pending...

Bank.sol Deploy

The screenshot displays the Remix IDE interface during the deployment of a Solidity contract named `Bank.sol`.

Left Panel: DEPLOY & RUN TRANSACTIONS

- Deploy** button is visible.
- ☐ Publish to IPFS
- OR**
- At Address** button with a sub-label "Load contract from Address".
- Transactions recorded: 1
- Deployed Contracts section shows a dropdown menu with the selected contract: **BANK AT 0XAE5...4619F (BLOCKCHAIN)**.
- Below the dropdown, three transaction types are listed:
 - transfer**: uint256 amount, address acc
 - withdraw**: uint256 amount
 - account_balan...**: 0x66D63Ee519168356424C
- Below these, a **bankBalance** button is shown.
- Low level interactions section shows **CALLDATA** and a **Transact** button.

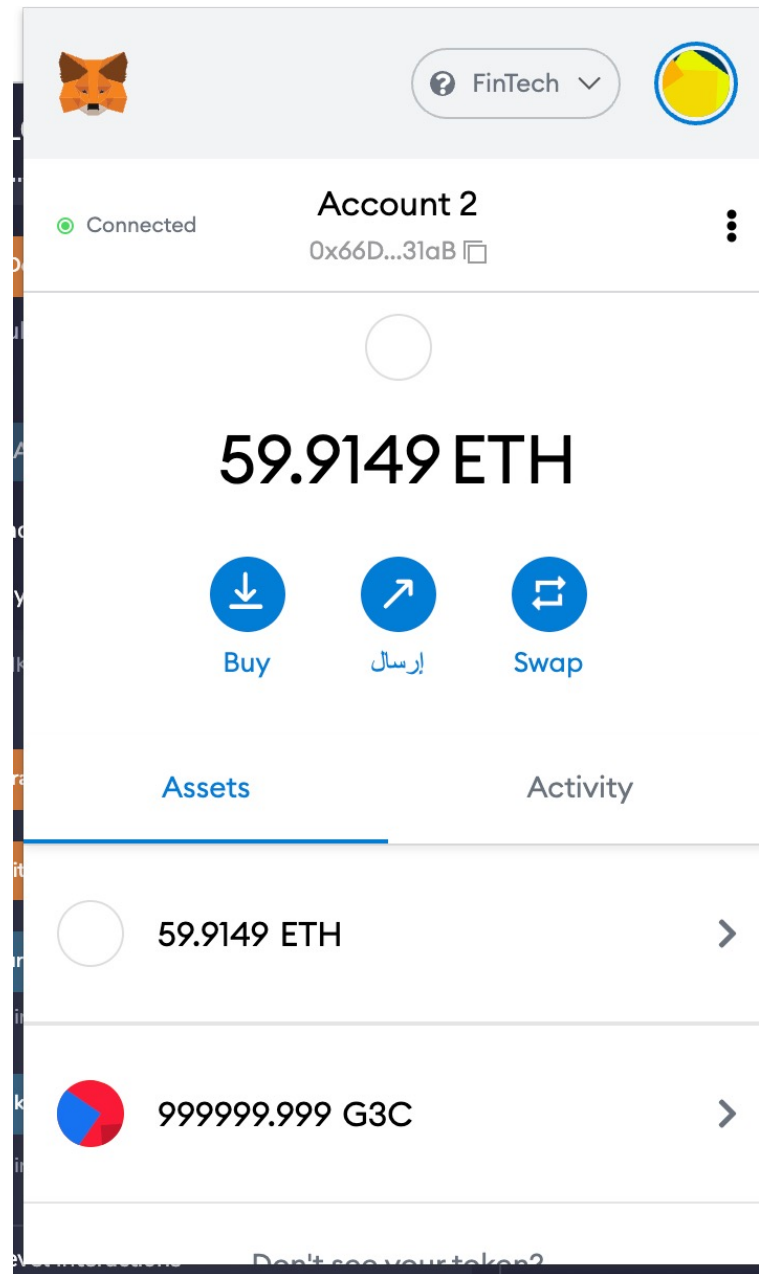
Right Panel: Solidity Code Editor

```
1
2 pragma solidity ^0.8.0;
3
4 contract TheLoneliestContract {
5
6 }
7
8
9 contract fintech {
10
11     string public message;
12
13
14     constructor (string memory message){
15
16         message = message;
17     }
18
19 }
20
21 contract Bank {
22
23     mapping(address=>uint) public account_balances;
24
25     function transfer(uint amount , address acctToTransferTo ) external {
26
27         account_balances[msg.sender] -= amount;
28         account_balances[acctToTransferTo] += amount;
```

Bottom Panel: Transaction Log

- 0 ☐ listen on network
- Search with transaction hash or address
- creation of Bank pending...
- call to Bank.account_balances
- call to Bank.bankBalance

Wallet assets



Store



التفاصيل



0x66D...31aB



0x97B...2646

المعاملة

Nonce	11
المبلغ	-0 ETH
الحد الأقصى لوحدات جاس (وحدات)	41624
وحدات جاس المستخدمة (وحدات)	41624
Gas price	20
الإجمالي	0.00083248 ETH

سجل النشاط



on 12/17/2021. تم إنشاء المعاملة بقيمة 0 عند 17:25



on 12/17/2021. من عملة جاس في 17:26 ETH تم تقديم المعاملة برسوم 0.001



on 12/17/2021. تم تأكيد المعاملة بقيمة 17:26

نشر العقد



التفاصيل



0x66D...31aB



عقد جديد

المعاملة

Nonce	12
المبلغ	-0 ETH
الحد الأقصى لوحدات جاس (وحدات)	330400
وحدات جاس المستخدمة (وحدات)	330400
Gas price	20
الإجمالي	0.006608 ETH

سجل النشاط

- + 17:36 on 12/17/2021. تم إنشاء المعاملة بقيمة 0 عند
- ↗ 0.007 on 17:37 ETH تم تقديم المعاملة برسوم 0.007 من عملة جاس في 12/17/2021.
- ✓ 17:37 on 12/17/2021. تم تأكيد المعاملة بقيمة

التفاعل على العقد



التفاصيل



0x66D...31aB



0xaE5...619f

المعاملة

Nonce	13
المبلغ	-20 ETH
الحد الأقصى لوحدات جاس (وحدات)	63246
وحدات جاس المستخدمة (وحدات)	42164
Gas price	20
الإجمالي	20.00084328 ETH

سجل النشاط

- + 17:40 on 12/17/2021. تم إنشاء المعاملة بقيمة 20 عند
- ↗ 0.001 on 17:41 ETH تم تقديم المعاملة برسوم 12/17/2021.
- ✓ 17:41 on 12/17/2021. تم تأكيد المعاملة بقيمة