

The screenshot shows the Visual Studio Code interface with the file explorer on the left, the editor in the center, and the terminal at the bottom. The file explorer shows the project structure for 'HARDHAT-SIMPLE-STORAGE-FCC-main'. The editor displays the file 'deploy.js' with the following code:

```
1 // imports
2 const { ethers, run, network } = require("hardhat")
3
4 // async main
5 async function main() {
6   const SimpleStorageFactory = await ethers.getContractFactory("SimpleStorage")
7   console.log("Deploying contract...")
8   const simpleStorage = await SimpleStorageFactory.deploy()
9   await simpleStorage.deployed()
10  console.log("Deployed contract to: ${simpleStorage.address}")
11  // what happens when we deploy to our hardhat network?
12  if (network.config.chainId === 4 && process.env.ETHERSCAN_API_KEY) {
13    console.log("Waiting for block confirmations...")
14    await simpleStorage.deployTransaction.wait(6)
15    await verify(simpleStorage.address, [])
16  }
17
18  const currentValue = await simpleStorage.retrieve()
19  console.log("Current Value is: ${currentValue}")
20
21  // Update the current value
22  const transactionResponse = await simpleStorage.store(7)
23  await transactionResponse.wait(1)
24  const updatedValue = await simpleStorage.retrieve()
```

The terminal shows the command 'npm run deploy' being executed, which results in the following output:

```
PS D:\KULIAH\Semester8\Lesson 6\hardhat-simple-storage-fcc-main> npm run deploy
Need to install the following packages:
  hardhat
Ok to proceed? (y) y
- idealTree:solc: 5111 fetch manifest locate-path@^2.0.0
```

The screenshot shows the Visual Studio Code interface with the file explorer on the left, the editor in the center, and the terminal at the bottom. The file explorer shows the project structure for 'HARDHAT-SIMPLE-STORAGE-FCC-main'. The editor displays the file 'SimpleStorage.sol' with the following code:

```
1 // I'm a comment!
2 // SPDX-License-Identifier: MIT
3
4 pragma solidity 0.8.8;
5
6 // pragma solidity ^0.8.0;
7 // pragma solidity >=0.8.0 <0.9.0;
8
9 contract SimpleStorage {
10   uint256 favoriteNumber;
11
12   struct People {
13     uint256 favoriteNumber;
14     string name;
15   }
16
17   // uint256[] public anArray;
18   People[] public people;
19 }
```

The terminal shows the command 'npm run deploy' being executed, which results in the following output:

```
npm ERR! network This is a problem related to network connectivity.
npm ERR! network In most cases you are behind a proxy or have bad network settings.
npm ERR! network
npm ERR! network If you are behind a proxy, please make sure that the
npm ERR! network 'proxy' config is set properly. See: 'npm help config'

npm ERR! A complete log of this run can be found in:
npm ERR!   C:\Users\ghon\AppData\Local\npm-cache\_logs\2022-07-09T10_51_12_758Z-debug.log
PS D:\KULIAH\Semester8\Lesson 6\hardhat-simple-storage-fcc-main>
```

Etherscan

Kovan Testnet Network

All Filters

Search by Address / Txn Hash / Block / Token / Ens

HomeBlockchainTokensMiscKovan

Address 0xb8d717CFfE020a104D7BB3915a4c87bA099d3ae2

Overview

Balance:0.000650072443894656 Ether

Token:\$0.00

More info

My Name Tag:Not Available

Transactions

Erc20 Token Txns

Latest 4 from a total of 4 transactions

Txn Hash	Method	Block	Age	From	To	Value	Txn Fee
0x8304151cfd8a817e2...	0x60806040	31137811	79 days 18 hrs ago	0xb8d717cfe020a104d7...	OUTCreate: Gihon	0 Ether	0.00234993
0x6e894a6c99f820acb9...	Transfer	31137566	79 days 18 hrs ago	0x55555513537ec7f03a...	IN0xb8d717cfe020a104d7...	0.001 Ether	0.000105
0x6357b03ea9e2a65dac...	Transfer	31137555	79 days 18 hrs ago	0x55555513537ec7f03a...	IN0xb8d717cfe020a104d7...	0.001 Ether	0.000105
0x540934e5a0fce1960a...	Transfer	31137488	79 days 18 hrs ago	0x55555513537ec7f03a...	IN0xb8d717cfe020a104d7...	0.001 Ether	0.000105

6:05 PM7/9/2022