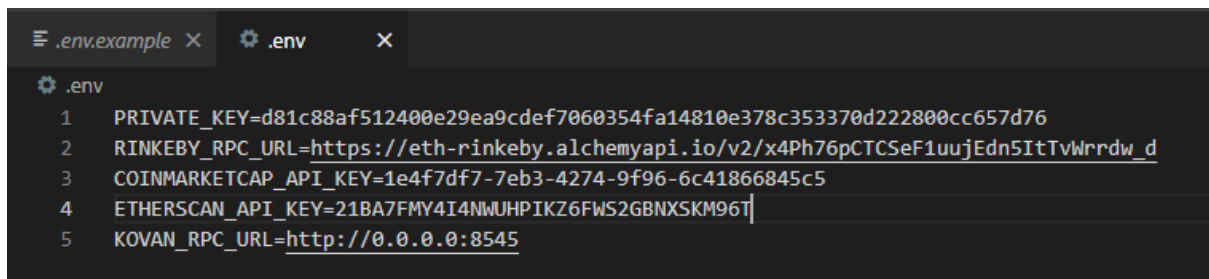
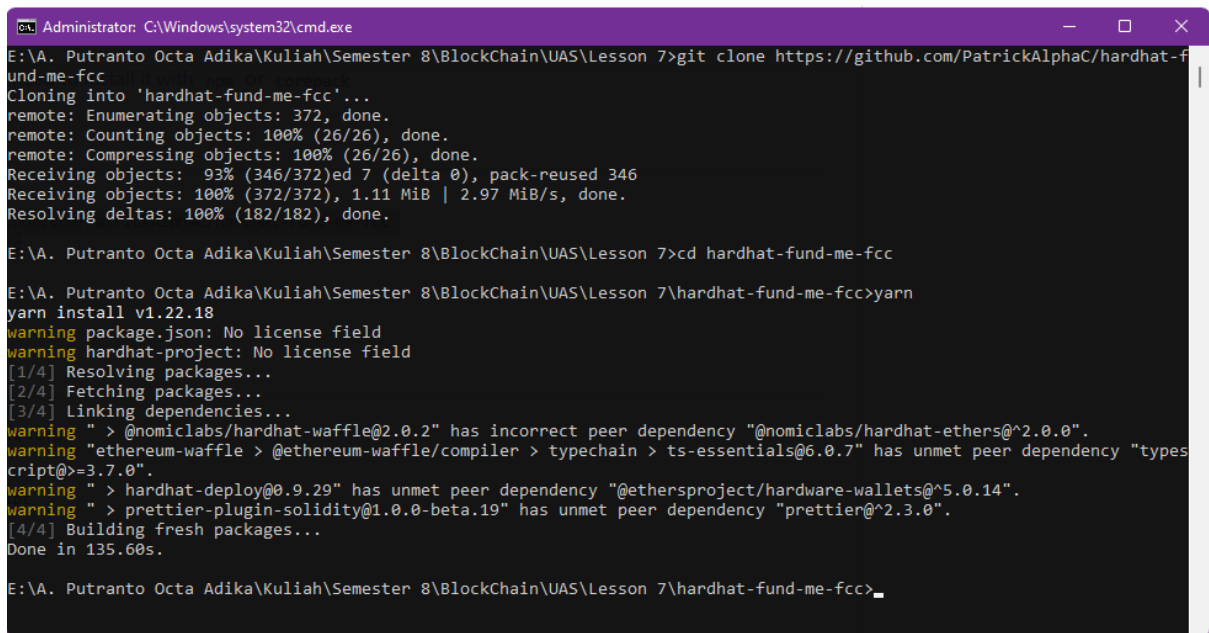


- Buat file .env seperti pada lesson sebelumnya



```
.env
1 PRIVATE_KEY=d81c88af512400e29ea9cdef7060354fa14810e378c353370d222800ccc657d76
2 RINKEBY_RPC_URL=https://eth-rinkeby.alchemyapi.io/v2/x4Ph76pCTCSeF1uujEdn5ItTvWrrdw_d
3 COINMARKETCAP_API_KEY=1e4f7df7-7eb3-4274-9f96-6c41866845c5
4 ETHERSCAN_API_KEY=21BA7FMY4I4NMUHPKZ6FWS2GBNXSKM96T
5 KOVAN_RPC_URL=http://0.0.0.0:8545
```

- install yarn



```
Administrator: C:\Windows\system32\cmd.exe
E:\A. Putranto Octa Adika\Kuliah\Semester 8\BlockChain\UAS\Lesson 7>git clone https://github.com/PatrickAlphaC/hardhat-fund-me-fcc
Cloning into 'hardhat-fund-me-fcc'...
remote: Enumerating objects: 372, done.
remote: Counting objects: 100% (26/26), done.
remote: Compressing objects: 100% (26/26), done.
Receiving objects: 93% (346/372), 7 (delta 0), pack-reused 346
Receiving objects: 100% (372/372), 1.11 MiB | 2.97 MiB/s, done.
Resolving deltas: 100% (182/182), done.

E:\A. Putranto Octa Adika\Kuliah\Semester 8\BlockChain\UAS\Lesson 7>cd hardhat-fund-me-fcc

E:\A. Putranto Octa Adika\Kuliah\Semester 8\BlockChain\UAS\Lesson 7\hardhat-fund-me-fcc>yarn
yarn install v1.22.18
warning package.json: No license field
warning hardhat-project: No license field
[1/4] Resolving packages...
[2/4] Fetching packages...
[3/4] Linking dependencies...
warning " > @nomiclabs/hardhat-waffle@2.0.2" has incorrect peer dependency "@nomiclabs/hardhat-ethers@^2.0.0".
warning "ethereum-waffle > @ethereum-waffle/compiler > typechain > ts-essentials@6.0.7" has unmet peer dependency "typescript@>=3.7.0".
warning " > hardhat-deploy@0.9.29" has unmet peer dependency "@ethersproject/hardware-wallets@^5.0.14".
warning " > prettier-plugin-solidity@1.0.0-beta.19" has unmet peer dependency "prettier@^2.3.0".
[4/4] Building fresh packages...
Done in 135.60s.

E:\A. Putranto Octa Adika\Kuliah\Semester 8\BlockChain\UAS\Lesson 7\hardhat-fund-me-fcc>
```

- Deploy

```
Administrator: C:\Windows\system32\cmd.exe
E:\A. Putranto Octa Adika\Kuliah\Semester 8\BlockChain\UAS\Lesson 7\hardhat-fund-me-fcc>yarn hardhat deploy
yarn run v1.22.18
warning package.json: No license field
$ "E:\A. Putranto Octa Adika\Kuliah\Semester 8\BlockChain\UAS\Lesson 7\hardhat-fund-me-fcc\node_modules\.bin\hardhat" de
ploy
Downloading compiler 0.6.6
Compiling 5 files with 0.6.6
Compiling 4 files with 0.8.8
Warning: Unused local variable.
--> contracts/exampleContracts/FunWithStorage.sol:28:9:
28 |         uint256 newVar = favoriteNumber + 1; // SLOAD
   |         ^^^^^^^^^^^^^^^
Warning: Unused local variable.
--> contracts/exampleContracts/FunWithStorage.sol:29:9:
29 |         bool otherVar = someBool; // SLOAD
   |         ^^^^^^^^^^^^^^^
Warning: Function state mutability can be restricted to view
--> contracts/exampleContracts/FunWithStorage.sol:27:5:
27 |     function doStuff() public {
   |     ^ (Relevant source part starts here and spans across multiple lines).
```


[illegible]

## - Deploy dengan network rinkeby

```
C:\Windows\system32\cmd.exe
E:\A. Putranto Octa Adika\Kuliah\Semester 8\BlockChain\UAS\Lesson 7\hardhat-fund-me-fcc>yarn hardhat deploy --network rinkeby
yarn run v1.22.18
warning package.json: No license field
$ "E:\A. Putranto Octa Adika\Kuliah\Semester 8\BlockChain\UAS\Lesson 7\hardhat-fund-me-fcc\node_modules\.bin\hardhat" deploy --network rinkeby
Nothing to compile
-----
Deploying FundMe and waiting for confirmations...
Deploying "FundMe" (tx: 0x9ddf11ab61ee2546cd6c6335b3eb03ca0098b63546eda0b00b1aa86cf906c342)...: deployed at 0x17313B9e97EA58a71054e5b60a928450520f5147 with 1058635 gas
FundMe deployed at 0x17313B9e97EA58a71054e5b60a928450520f5147
Verifying contract...
Nothing to compile
Compiling 1 file with 0.8.8
Successfully submitted source code for contract
contracts/FundMe.sol:FundMe at 0x17313B9e97EA58a71054e5b60a928450520f5147
for verification on the block explorer. Waiting for verification result...

Successfully verified contract FundMe on Etherscan.
https://rinkeby.etherscan.io/address/0x17313B9e97EA58a71054e5b60a928450520f5147#code
-----
Deploying FunWithStorage and waiting for confirmations...
Deploying "FunWithStorage" (tx: 0xe7926c9f6ddb68c2497cb2f73b7843dfce7d4cb1777de0793610651752857ab2)...: deployed at 0xB7748B2112c3725c8B299D8D650aE153dFE4EeBe with 227342 gas
Logging storage...
Location 0: 0x0000000000000000000000000000000000000000000000000000000000000000
Location 1: 0x0000000000000000000000000000000000000000000000000000000000000001
Location 2: 0x0000000000000000000000000000000000000000000000000000000000000001
Location 3: 0x0000000000000000000000000000000000000000000000000000000000000000
Location 4: 0x0000000000000000000000000000000000000000000000000000000000000000
Location 5: 0x0000000000000000000000000000000000000000000000000000000000000000
Location 6: 0x0000000000000000000000000000000000000000000000000000000000000000
Location 7: 0x0000000000000000000000000000000000000000000000000000000000000000
Location 8: 0x0000000000000000000000000000000000000000000000000000000000000000
Location 9: 0x0000000000000000000000000000000000000000000000000000000000000000
Done in 249.12s.
```


## - FundMe contract



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

Rinkeby Testnet Network

HomeBlockchainTokensMiscRinkeby

 Contract 0x17313B9e97EA58a71054e5b60a928450520f5147

Contract Overview

Balance: 0 Ether

More Info

My Name Tag: Not Available

Contract Creator: 0xa398ea3651c216e6c0...

View Tokens

View ERC20 Transfers

ERC721 Top Tokens

View ERC721 Transfers

ERC1155 Top Tokens

View ERC1155 Transfers



Transactions

Erc20 Token Txns

Contract

Events

Latest 1 from a total of 1 transactions


Txn Hash	Method	Block	Age	From	To	Value	Txn Fee
 0x9ddf11ab61ee2546cd...	0x60a06040	10989733	7 mins ago	0xa398ea3651c216e6c0...	 Create: FundMe	0 Ether	0.00158795

[Download CSV Export]

Contract address hosts a smart contract, which is a set of code stored on the blockchain that runs when predetermined conditions are met. Learn more about addresses in our Knowledge Base.

javascript

- fundWithStorage contract



Rinkeby Testnet Network

All Filters

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

Q

Home

Blockchain

Tokens

Misc

Rinkeby

Contract 0xB774BB2112c3725c8B299D8D650aE153dFE4EeBe

Contract Overview

Balance: 0 Ether

More Info

My Name Tag: Not Available

Contract Creator: 0xa398ea3651c216e6c0... at txn 0xe7926c9f6ddb68c249...

Transactions

Erc20 Token Txns

Contract

Events

Latest 1 from a total of 1 transactions

Txn Hash	Method	Block	Age	From	To	Value	Txn Fee
0xe7926c9f6ddb68c249...	0x60a06040	10989741	6 mins ago	0xa398ea3651c216e6c0...	IN Contract Creation	0 Ether	0.00056835

[ Download CSV Export ]

A contract address hosts a smart contract, which is a set of code stored on the blockchain that runs when predetermined conditions are met. Learn more about addresses in our Knowledge Base.