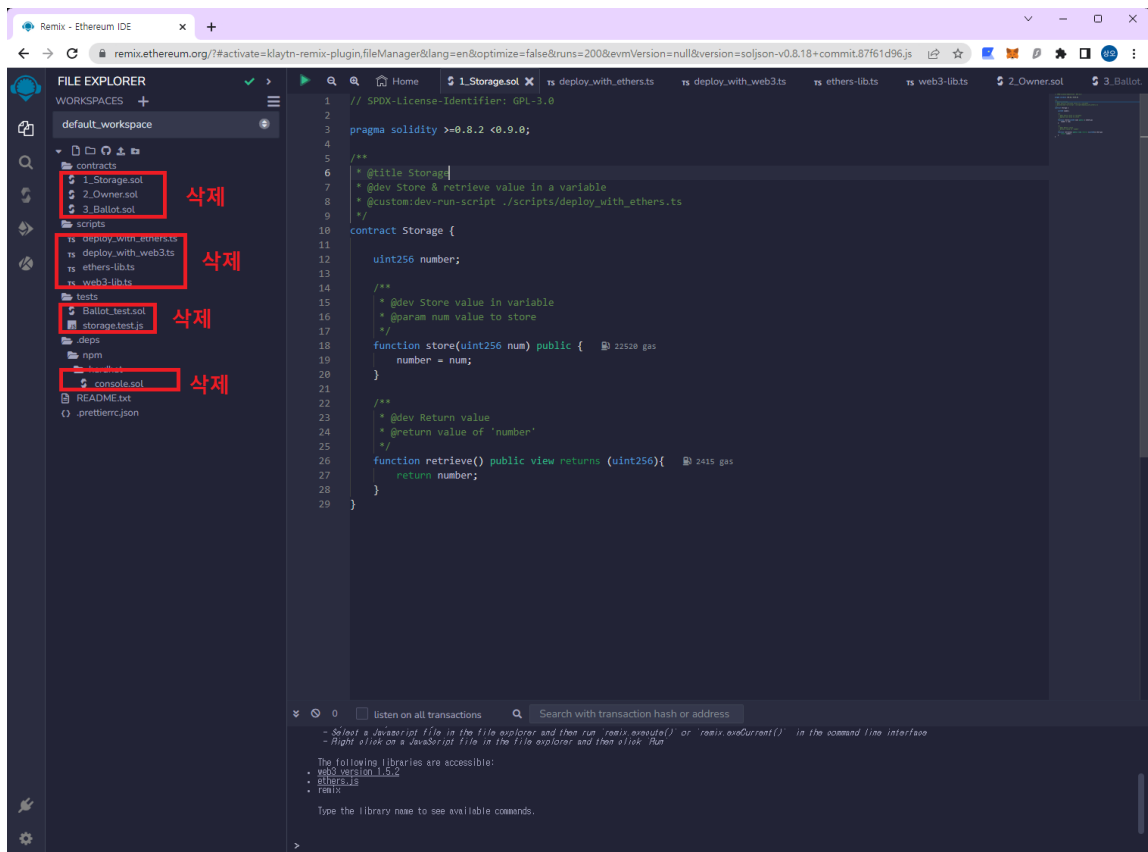


Remix를 이용하여 Klaytn 메인넷에 KIP7 배포하는 방법

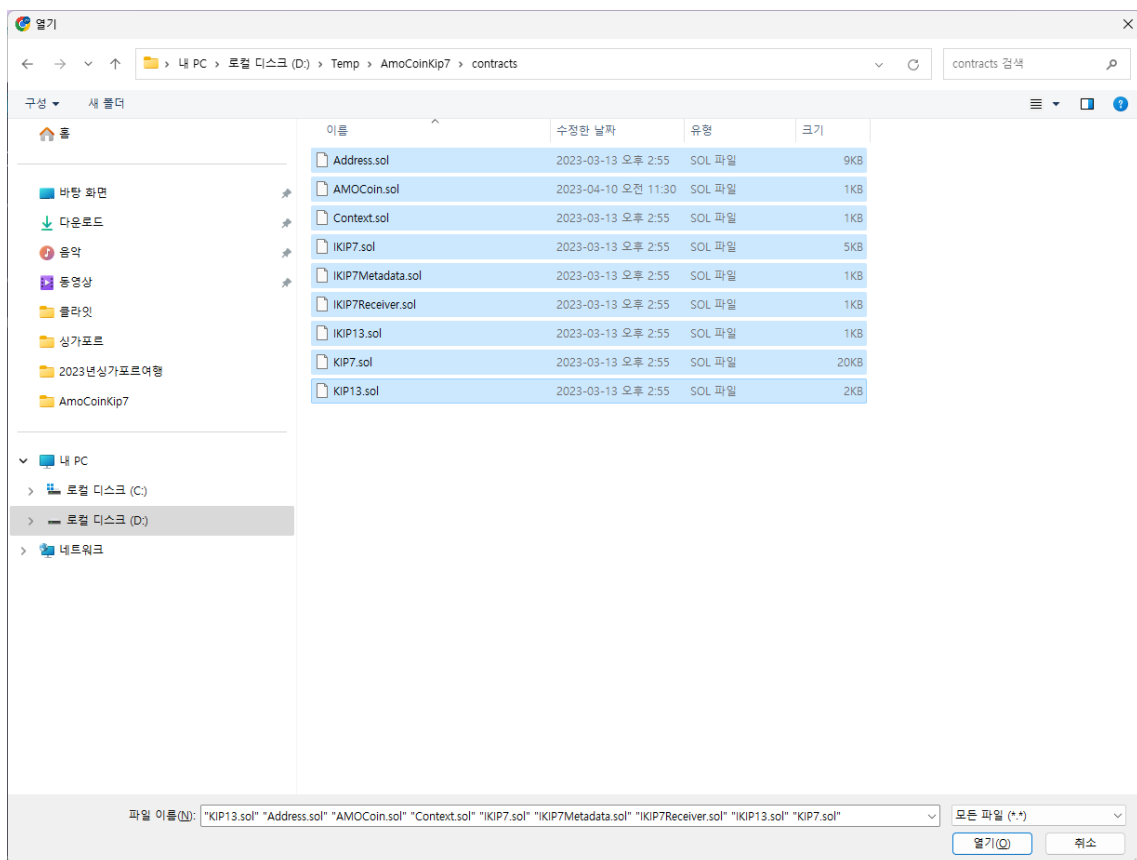
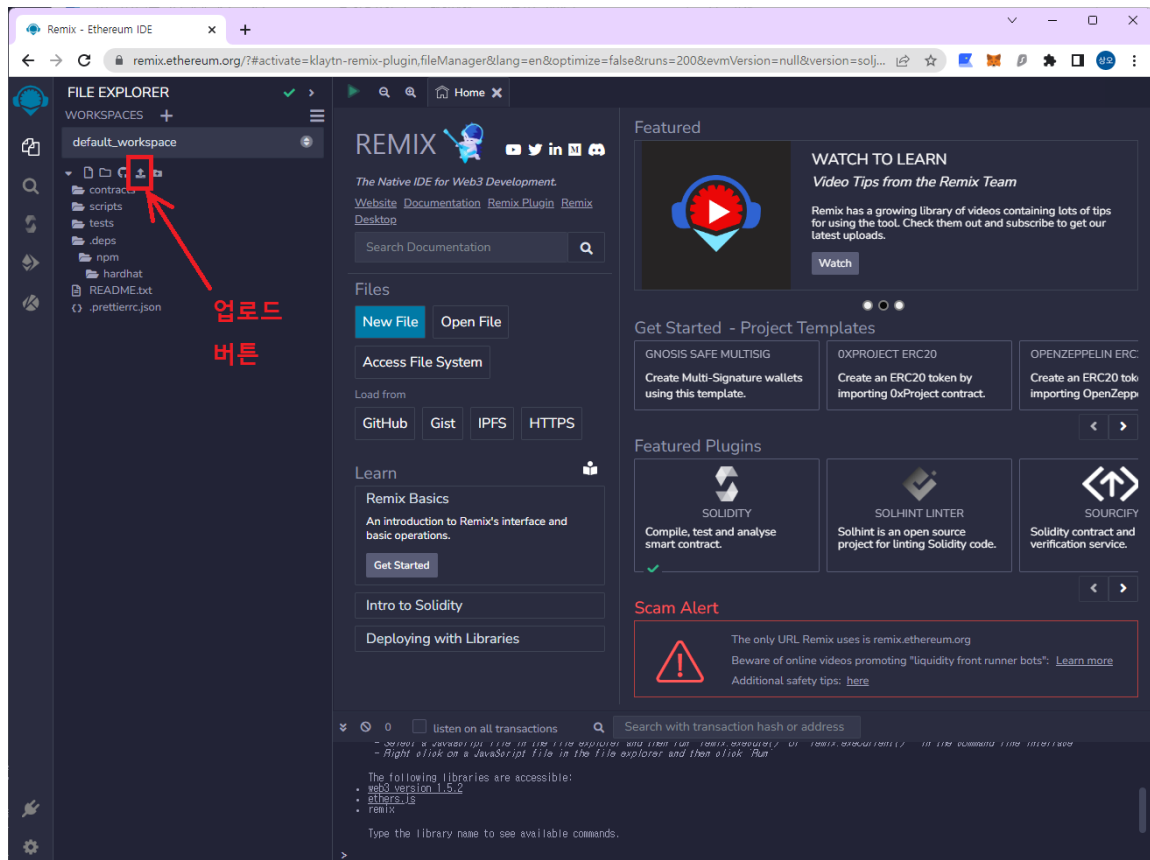
1. 다음과 같이 REMIX 페이지로 들어갑니다.

<https://remix.ethereum.org/?#activate=klaytn-remix-plugin,fileManager>

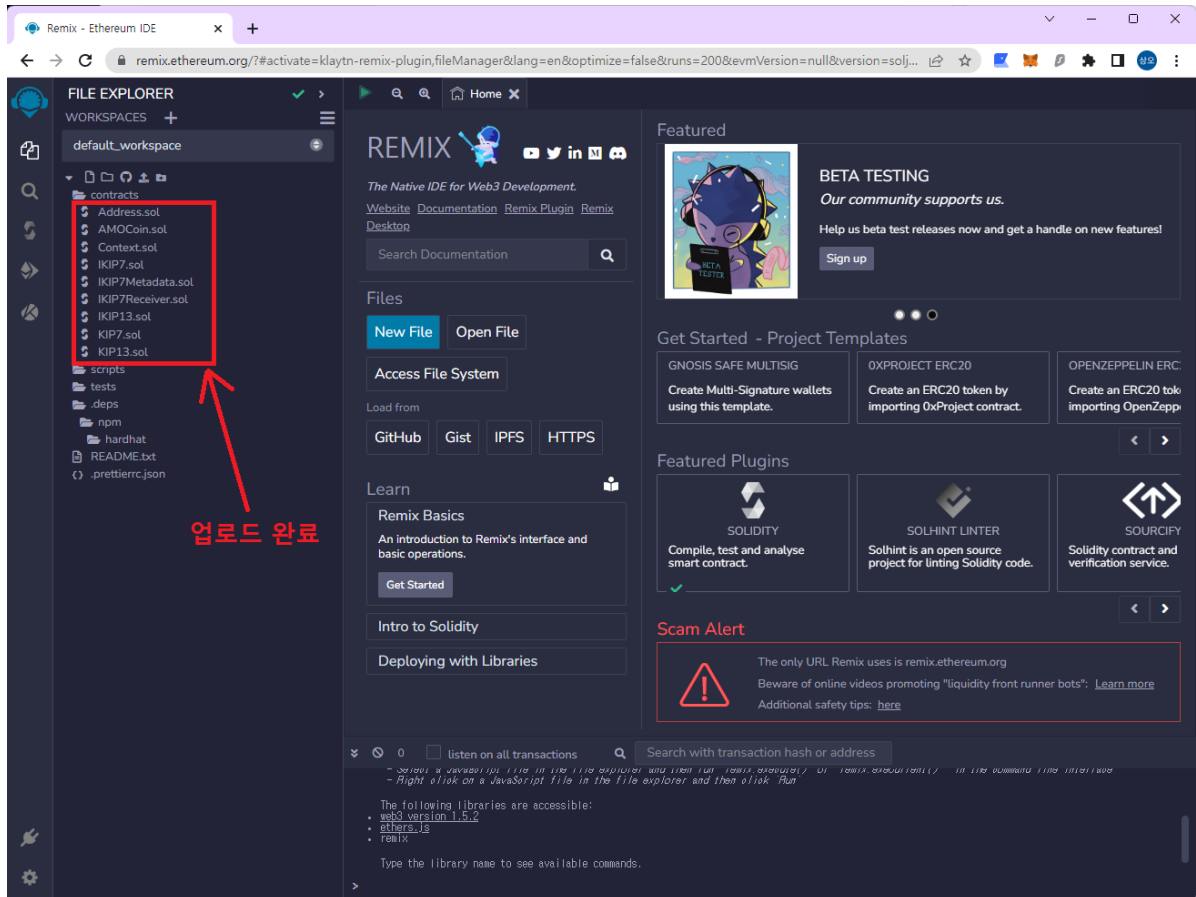
2. 접속하면 다음과 같은 소스들이 있습니다. 이 소스들을 전부 삭제합니다.



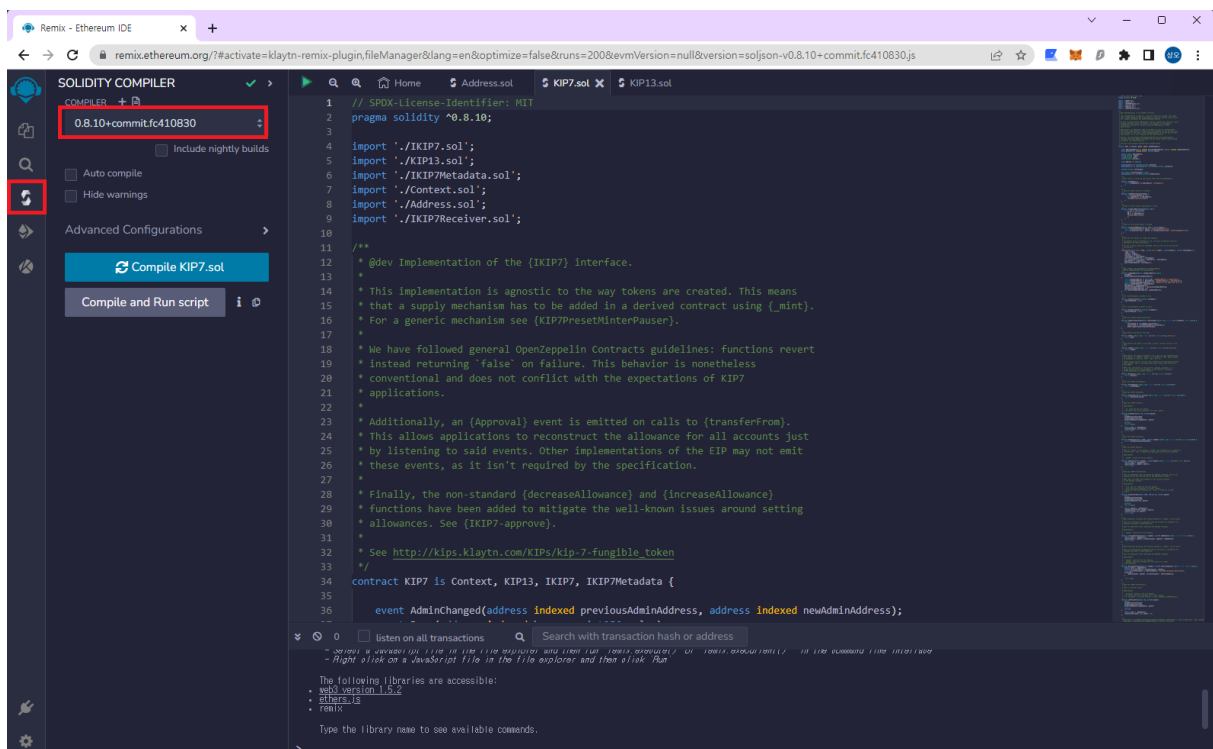
3. kip7 소스의 contract 폴더에 있는 .sol 파일들을 전부 REMIX의 contracts 폴더로 업로드 합니다.



[업로드 완료 상태]

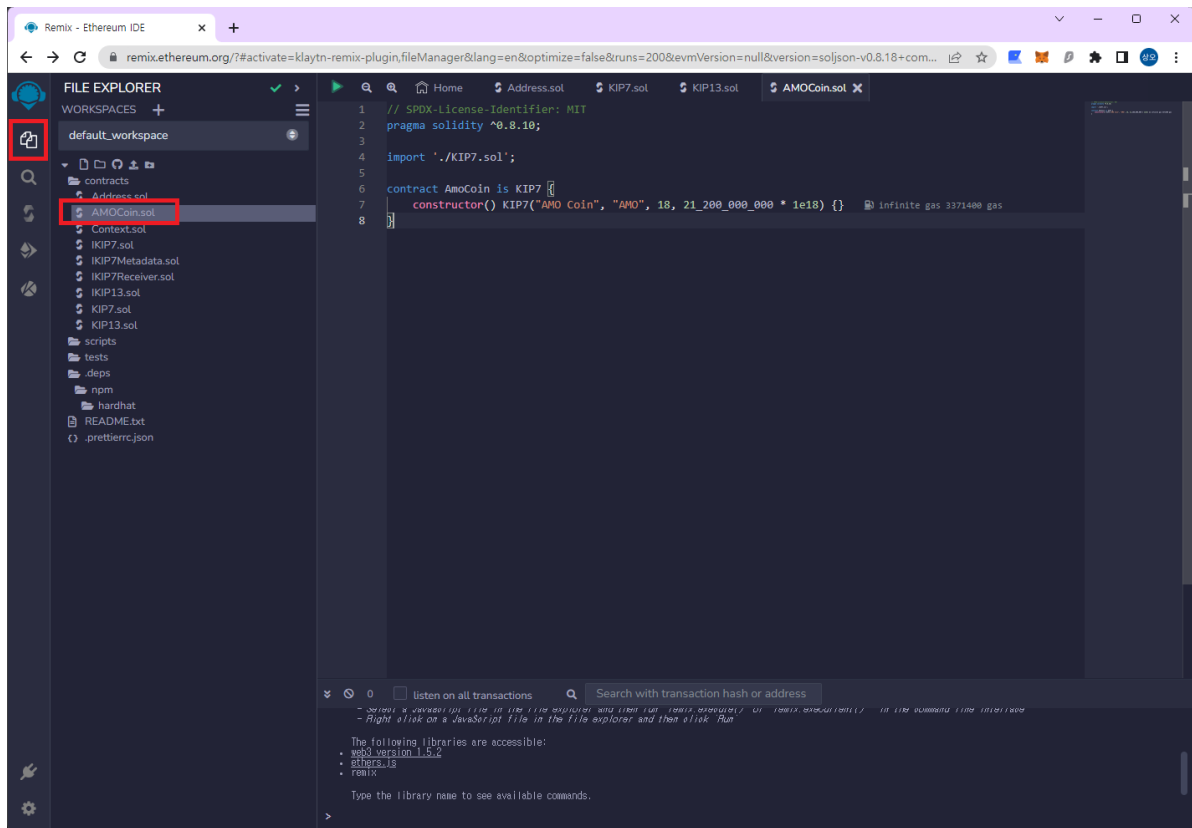


4. solidity 버전을 0.8.10으로 지정합니다.

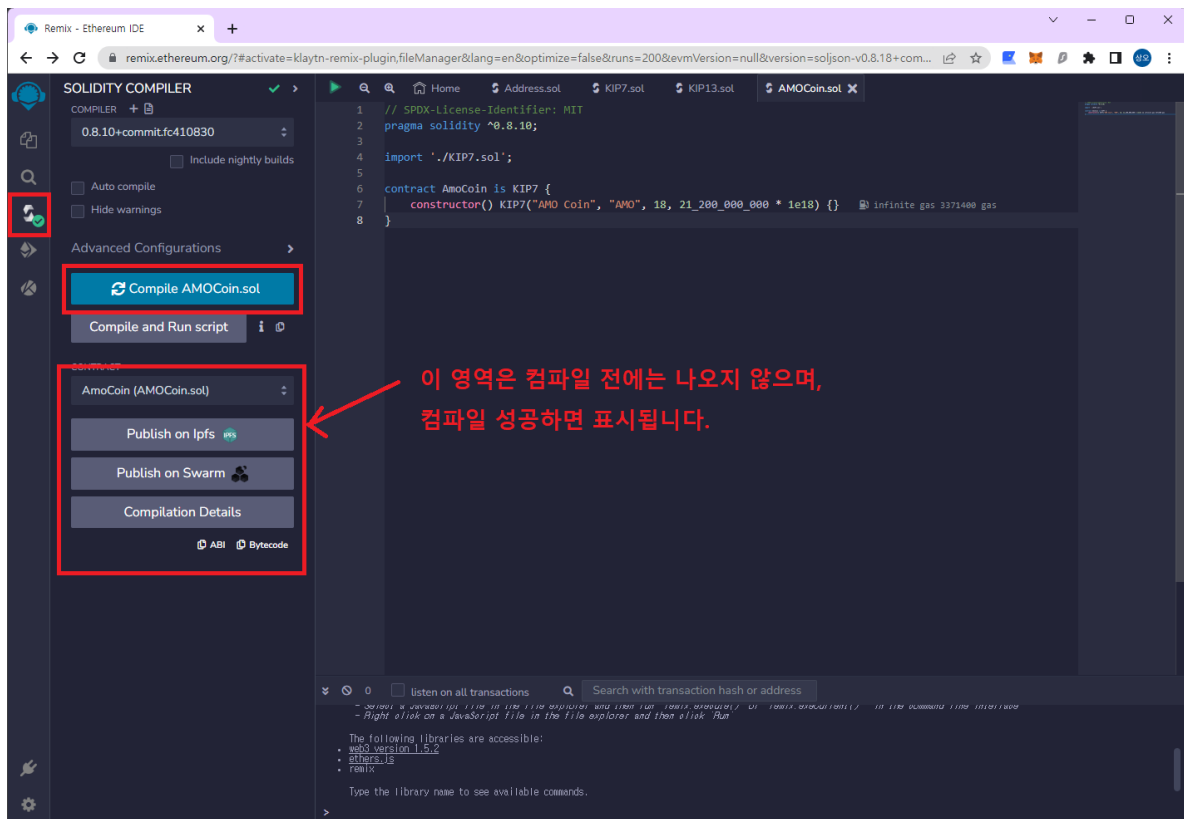


5. File Explorer 에서 AMOCon.sol 을 선택한 후 빌드해 봅니다.

(1) 소스 선택

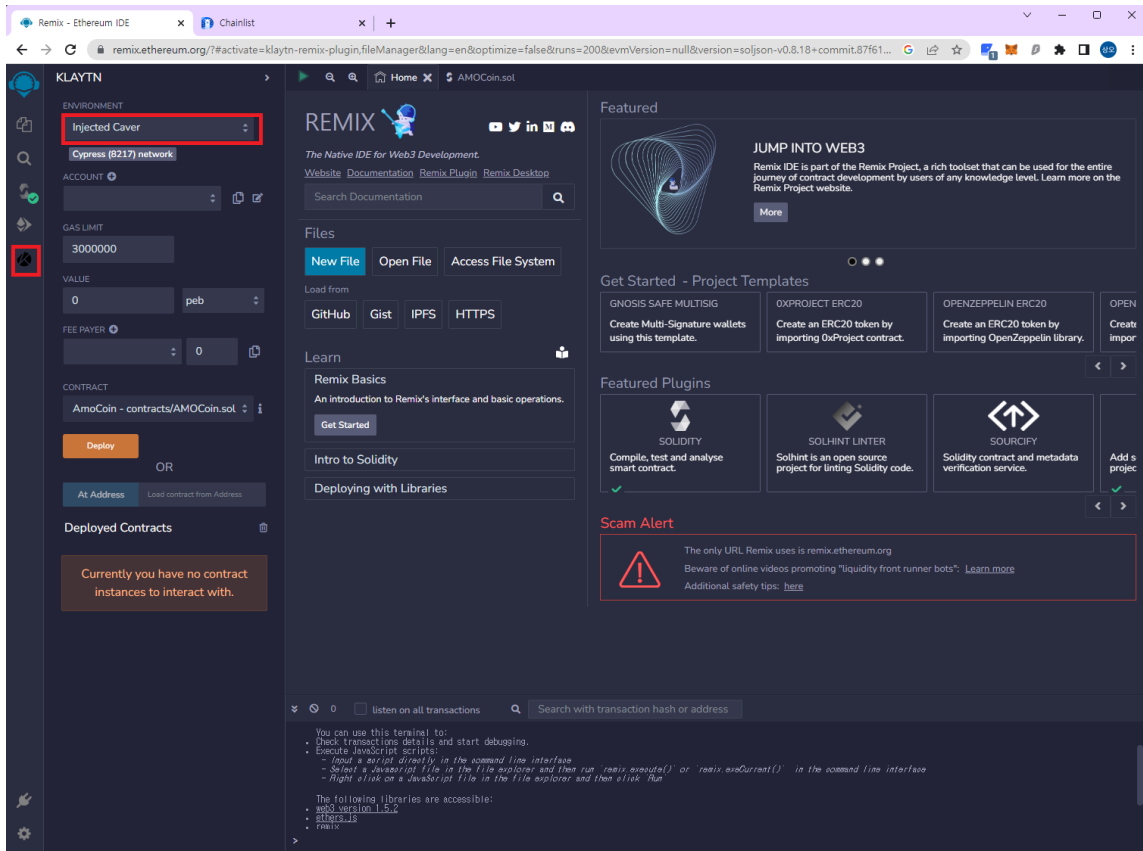


(2) 컴파일

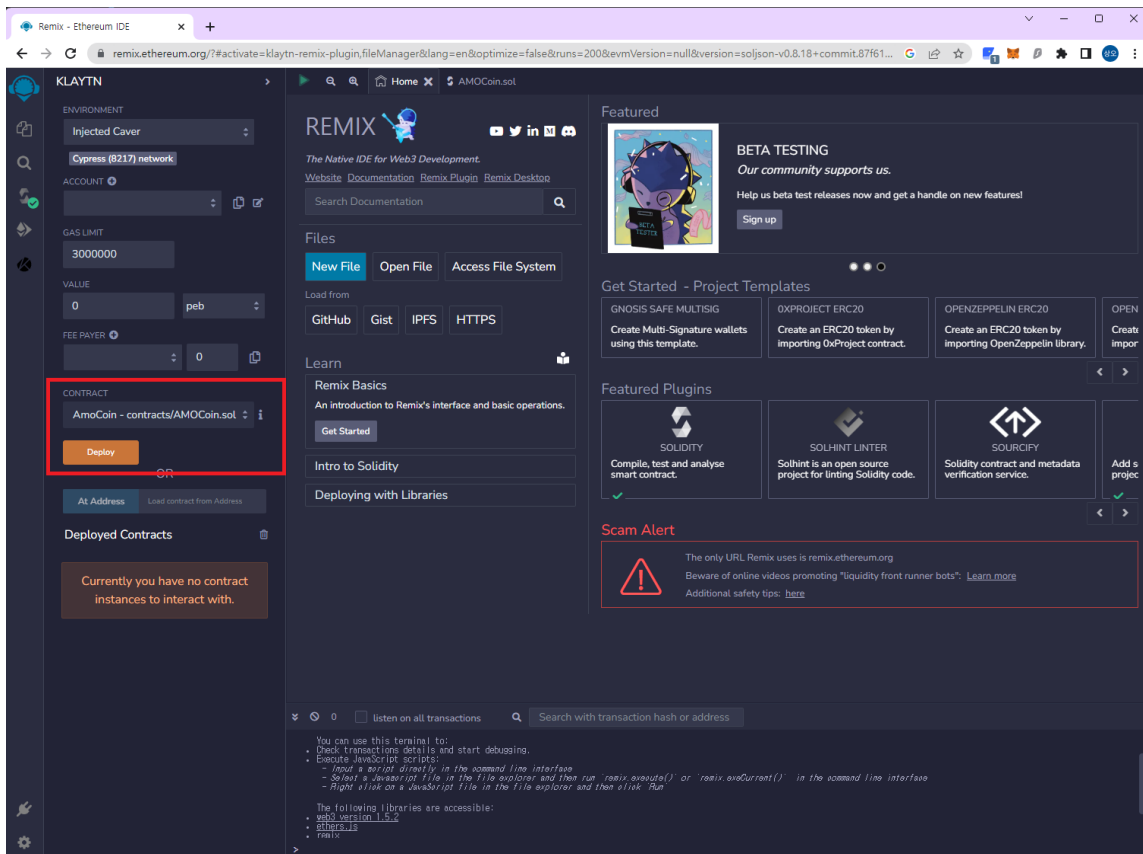


6. REMIX에서 KLAYTN 선택, ENVIRONMENT는 "Injected Caver" 선택

(1) 선택 후 메인넷 계정 접속



(2) CONTRACT를 "AmoCoin"으로 선택 후 [Deploy] 버튼 클릭하여 배포



(3) 배포 결과 확인

Remix - Ethereum IDE

remix.ethereum.org/?#activate=klaytn-remix-plugin,fileManager&lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61...

KLAYTN

ENVIRONMENT: Injected Caver

ACCOUNT: Cypress (8217) network

ACCOUNT: 0xBf8...F1d08 (5,492,575)

GAS LIMIT: 3,000,000

VALUE: 0

FEE PAYER: 0

CONTRACT: AmoCoin - contracts/AMoCoin.sol

Deploy

OR

At Address

Load contract from Address

Deployed Contracts

AMOCOIN AT 0X9E2...0BF70 (BLOC KCHAIN)

approve address spender, u

burn uint256 value

changeAdmin address newAdmin

decreaseAllow... address spender, u

disableTransfer

enableTransfer

increaseAllow... address spender, u

```
1 // SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.10;
3
4 import './KIP7.sol';
5
6 contract AmoCoin is KIP7 {
7     constructor() KIP7("AMX Coin", "AMX", 18, 21_200_000_000 * 1e18) {}
8 }
```

0 listen on all transactions Search with transaction hash or address

Welcome to Remix 0.32.1

Your files are stored in indexedDB, 6.19 MB / 139.4 MB used

You can use this terminal to:

- Check transactions details and start debugging.
- Execute JavaScript scripts:
 - Input a script directly in the command line interface
 - Select a JavaScript file in the file explorer and then run 'remix.execute()' or 'remix.execute()' in the command line interface
 - Right click on a JavaScript file in the file explorer and then click 'Run'

The following libraries are accessible:

- web3 version 1.5.2
- ethers.js
- remix

Type the library name to see available commands.

creation of AmoCoin pending...

creation of AmoCoin errored: Returned error: [{"jsonrpc": "2.0", "error": "Metamask tx Signature: User denied transaction signature.", "id": "3801300001942746"}]

https://scope.klaytn.com/tx/0xd813906544e573b162d2d25024900b18333a636d755d7150d68b0c0eb68e02

```
{
  "status": true,
  "block": 12111979,
  "txIndex": 0,
  "from": "0xd813906544e573b162d2d25024900b18333a636d755d7150d68b0c0eb68e02",
  "to": "AmoCoin.constructor()",
  "value": "0 pecb",
  "data": {
    "blockHash": "0xc5563267e5271720530997ca11347143d05a16171bd81e6177dd6616959f439",
    "blockNumber": 12111979,
    "codeFormat": "0x0",
    "from": "0xd813906544e573b162d2d25024900b18333a636d755d7150d68b0c0eb68e02",
    "gas": 11029720,
    "gasPrice": "50000000000"
  }
}
```