

FILE EXPLORER

WORKSPACES

default_workspace

contracts

scripts

tests

prettierrc.json

README.txt

AJITH KUMAR N

REMIX

The Native IDE for Web3 Development.

Website Documentation Remix Plugin Remix Desktop

Search Documentation

Files

New File Open File Access File System

Load from

GitHub Gist IPFS HTTPS

Learn

Remix Basics


An introduction to Remix's interface and basic operations.

Get Started

Intro to Solidity

Deploying with Libraries

Featured



BETA TESTING

Our community supports us.

Help us beta test releases now and get a handle on new features!

Sign up

Get Started - Project Templates

GNOSIS SAFE MULTISIG

Create Multi-Signature wallets using this template.

0XPROJECT ERC20

Create an ERC20 token by importing 0xProject contract.

OPENZEPPELIN ERC20

Create an ERC20 token by importing OpenZeppelin library.

OPENZEPPELIN

Create a importin

Featured Plugins

SOLIDITY ANALYZERS

Analyze your code using Remix, Solhint and Slither.

COOKBOOK

Find smart contracts, solidity libraries, and discover protocols.

SOLIDITY

Compile, test, and analyze smart contracts.

Solidity verificat

0

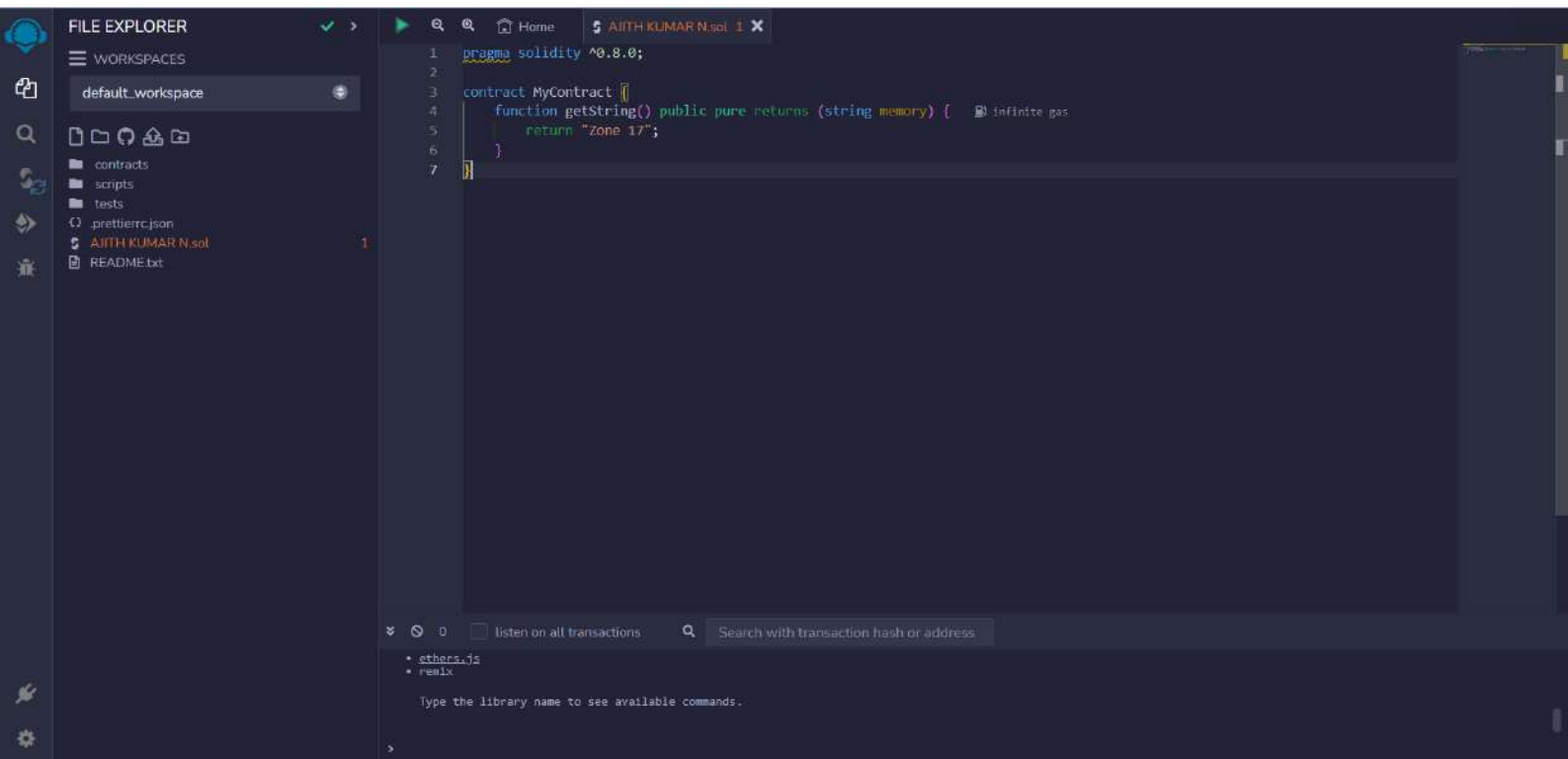
☐ listen on all transactions

Search with transaction hash or address

• ethers.js

• remix

Type the library name to see available commands.



SOLIDITY COMPILER

COMPILER +

0.8.18+commit.87f61d96

☐ Include nightly builds

☐ Auto compile

☐ Hide warnings

Advanced Configurations

Compile AJITH KUMAR N.sol

Compile and Run script

CONTRACT

MyContract (AJITH KUMAR N.sol)

Publish on Ipfs

Publish on Swarm

Compilation Details

ABI Bytecode

Warning: SPDX license identifier not provided in source file. Before publishing, consider adding a comment containing "SPDX-License-Identifier: <SPDX-License>" to each source file. Use "SPDX-License-Identifier:"

Home

AJITH KUMAR N.sol 1

```
1 pragma solidity ^0.8.0;
2
3 contract MyContract {
4     function getString() public pure returns (string memory) {
5         return "zone 17";
6     }
7 }
```

0


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🏠 Home

AJITH KUMAR N.sol 1 ✕

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}
```

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>

ABI code:

```
[
  {
    "inputs": [],
    "name": "getString",
    "outputs": [
      {
        "internalType": "string",
        "name": "",
        "type": "string"
      }
    ],
    "stateMutability": "pure",
    "type": "function"
  }
]
```

Bytecode:

```
608060405234801561001057600080fd5b50610173806100206000396000f3fe6080604052348015
61001057600080fd5b506004361061002b5760003560e01c806389ea642f14610030575b600080fd5
b61003861004e565b604051610045919061011b565b60405180910390f35b606060405180604001
60405280600781526020017f5a6f6e6520313700000000000000000000000000000000000000
00000000815250905090565b600081519050919050565b600082825260208201905092915050565
b60005b838110156100c55780820151818401526020810190506100aa565b600084840152505050
50565b6000601f19601f8301169050919050565b60006100ed8261008b565b6100f7818561009656
5b93506101078185602086016100a7565b610110816100d1565b840191505092915050565b60006
02082019050818103600083015261013581846100e2565b90509291505056fea2646970667358221
2202e9a4dd3d8bc061a7b46cb515067375f9c85ea9b12929226a3b49028e17bf79464736f6c6343000
8120033
```

DEPLOY & RUN TRANSACTIONS

ENVIRONMENT
Remix VM (Shanghai)

ACCOUNT
0x5B3...eddC4 (99.9999999%)

GAS LIMIT
3000000

VALUE
0 Wei

CONTRACT
MyContract - AJITH KUMAR N.sol

evm version: paris

Deploy

Deploy - transact (not payable)

Publish to IPFS

At Address

Load contract from Address

Transactions recorded

Deployed Contracts

MYCONTRACT AT 0xD8B...33FA8

Home

AJITH KUMAR N.sol

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pragmasolidity^0.8.0;

contractMyContract{
 functiongetString()publicpurereturns(stringmemory){
 return"Zone 17";
 }
}

infinite gas

0

listen on all transactions

Search with transaction hash or address

✓ [vm] from: 0x5B3...eddC4 to: MyContract.(constructor) value: 0 wei data: 0x608...20033 logs: 0 hash: 0x172...ce0b4

Debug