


# Assignment

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FILE EXPLORER

WORKSPACES

default\_workspace



Zone name.sol

Zone name.sol

```
1 // My First Smart Contract
2 // SPDX-License-Identifier: UNLICENSED
3 pragma solidity >=0.8.18;
4 contract Zone_name {
5     function get()public pure returns (string memory){
6         return 'Zone name';
7     }
8 }
9
```

0


☐ listen on all transactions

Welcome to Remix 0.36.3


Your files are stored in indexedDB, 5.03 KB / 64.75 GB 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.executeCurrent()' in the command line interface
  - Right click on a JavaScript file in the file explorer and then click 'Run'



SOLIDITY COMPILER


COMPILER + 

0.8.18+commit.87f61d96 

☐ Include nightly builds


☐ Auto compile

☐ Hide warnings


Advanced Configurations 


Compile Zone name.sol


Ctrl+S to compile Zone name.sol

Compile and run script 



CONTRACT





Zone\_name (Zone name.sol) 

Publish on Ipfs 



Publish on Swarm 

Compilation Details

 ABI  Bytecode

 Home Zone name.sol 

```
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 0 ☐ listen on all transactions  Search with transaction hash or address

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SOLIDITY COMPILER

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Include nightly builds

Solidity compiler

mpile

Hide warnings

Advanced Configurations

Compile Zone name.sol

Compile and Run script

Zone name.sol

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DEPLOY & RUN TRANSACTIONS ✓ >

Remix VM (Shanghai)

ACCOUNT

0x5B3...eddC4 (100 ether)

GAS LIMIT

3000000

Deploy & run transactions

0

Wei

CONTRACT

Zone\_name - Zone name.sol

evm version: paris

Deploy

☐

Publish to IPFS

At Address

Load contract from Address

Transactions recorded

>

Deployed Contracts

Currently you have no contract instances to interact with.

Home

Zone name.sol ✕

9

0

☐ listen on all transactions

Search with transaction hash or address

Welcome to Remix 0.36.3

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0x5B3...eddC4 (99.9999999%)

GAS LIMIT

3000000

VALUE

0

Wei

CONTRACT

Zone\_name - Zone name.sol

evm version: paris

Deploy

Deploy - transact (not payable)

☐ Publish to IPFS

At Address

Load contract from Address

Transactions recorded 1 ⓘ >

Deployed Contracts

> ZONE\_NAME AT 0XD91...39138 (M)

0

☐ listen on all transactions

Search with transaction hash or address

You can use this terminal to:

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  - Select a Javascript file in the file explorer and then run `remix.execute()` or `remix.executeCurrent()` 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 Zone\_name pending...

✓ [vm] from: 0x5B3...eddC4 to: Zone\_name.(constructor)  
value: 0 wei data: 0x608...20033 logs: 0  
hash: 0xda5...68f54

Debug

0x5B3...eddC4 (99.9999999%)

GAS LIMIT

3000000

VALUE

0Wei

CONTRACT

Zone\_name - Zone name.sol

evm version: paris

Deploy

☐ Publish to IPFS

At Address

Load contract from Address

Transactions recorded

Deployed Contracts

▼ ZONE\_NAME AT 0XD91...39138 (M)

Balance: 0 ETH

get

Low level interactions

CALLDATA

Transact

0

☐ listen on all transactions

Search with transaction hash or address

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creation of Zone\_name pending...

✓ [vm] from: 0x5B3...eddC4 to: Zone\_name.(constructor)  
value: 0 wei data: 0x608...20033 logs: 0  
hash: 0xda5...68f54

Debug

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



## Byte Code

[illegible]