

# Naan Mudhalvan Assignment – 1

## Name - Muthukeerthana

Activities Google Chrome Oct 3 19:07

Remix - Ethereum IDE & cc x Remix - Ethereum IDE x +

remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js Paused Update

Apps Gmail YouTube Maps

FILE EXPLORER

WORKSPACES

default\_workspace

contracts  
scripts  
tests  
.prettierrc.json  
README.txt

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

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

Type the library name to see available commands.

Featured

WATCH TO LEARN

Video Tips from the Remix Team

Remix has a growing library of videos containing lots of tips for using the tool. Check them out and subscribe to get our latest uploads.

Watch

Get Started - Project Templates

GNOSIS SAFE MULTISIG

Create Multi-Signature wallets using this template.

OXPROJECT ERC20

Create an ERC20 token by importing OxProject contract.

OPENZEPPELIN ERC

Create an ERC20 token by importing OpenZeppelin contract.

Featured Plugins

SOLIDITY ANALYZERS

COOKBOOK

SOLIDITY

Activities

Google Chrome

Oct 3 19:20

Remix - Ethereum IDE & cc

Remix - Ethereum IDE

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Update

Apps

Gmail

YouTube

Maps

Reading list

SOLIDITY COMPILER

COMPILER +

0.6.12+commit.27d51765

☐ Include nightly builds

☐ Auto compile

☐ Hide warnings

Advanced Configurations

Compile zone name.sol

Compile and Run script

CONTRACT

Zone\_name (zone name.sol)

Publish on Ipfs

Publish on Swarm

Compilation Details

ABI

Bytecode

zone name.sol

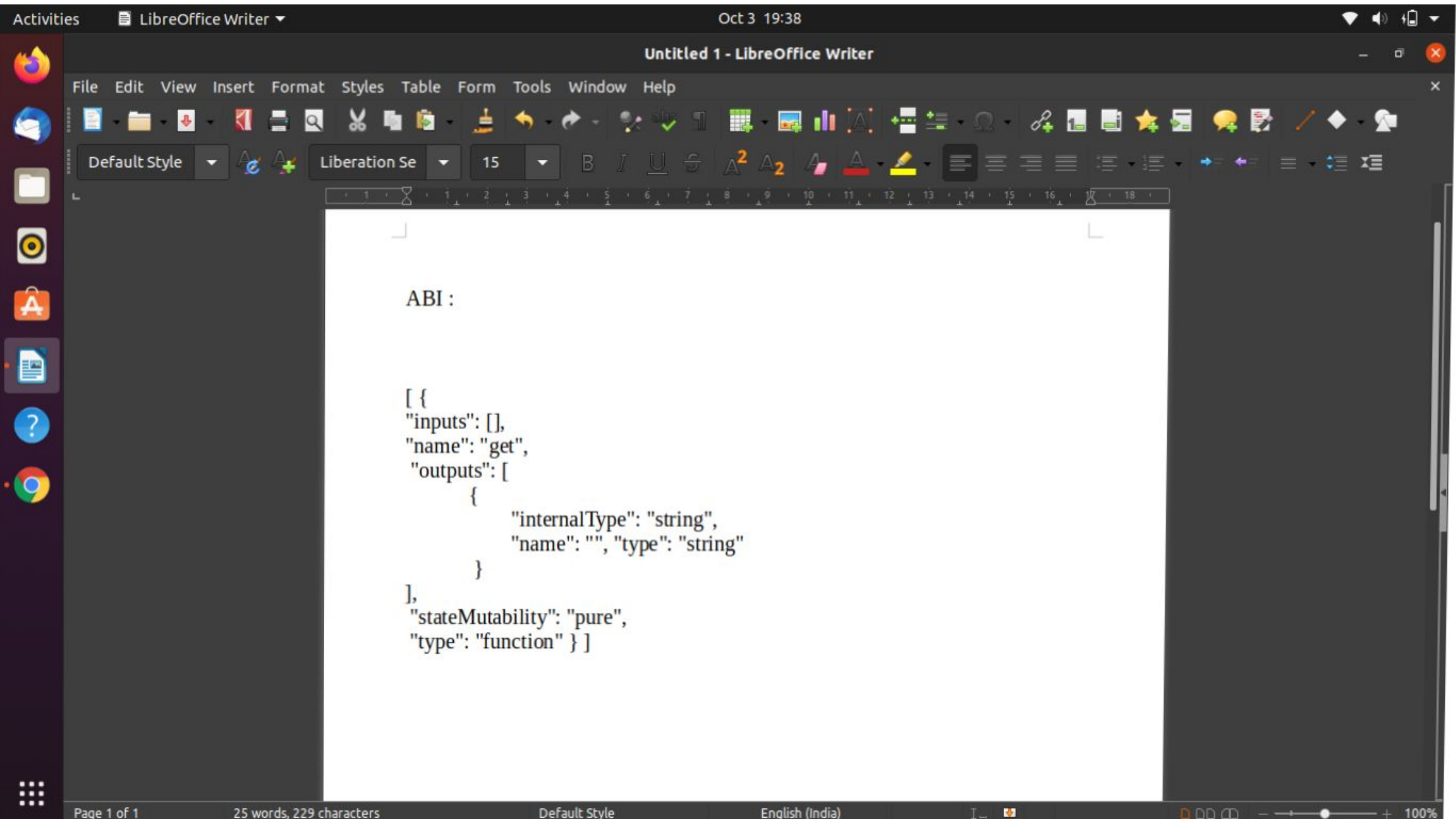
```
1 //My First Smart Contract
2 // SPDX-License-Identifier: UNLICENSED
3 pragma solidity >=0.5.0 <0.7.0;
4 contract Zone_name {
5     function get()public pure returns (string memory){ infinite gas
6         return 'Zone name';
7     }
8 }
```

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☐ listen on all transactions

Search with transaction hash or address

Type the library name to see available commands.



## BYTECODE :

608060405234801561001057600080fd5b5061011e806100206000396000f3fe60806  
04052348015600f57600080fd5b506004361060285760003560e01c80636d4ce63c14  
602d575b600080fd5b603360ab565b60405180806020018281038252838181518152  
60200191508051906020019080838360005b83811015607157808201518184015260  
20810190506058565b50505050905090810190601f168015609d57808203805160018  
36020036101000a031916815260200191505b509250505060405180910390f35b6060  
6040518060400160405280600981526020017f5a6f6e65206e616d6500000000000000  
00000000000000000000000000000000081525090509056fea2646970667358221220  
d95cb4c552d88d1f376ef18cc215b87149383fa9516ce5be1db94aa3e7748d7264736f6  
c634300060c0033

Activities

Google Chrome

Oct 3 19:27

Remix - Ethereum IDE & cc x

Remix - Ethereum IDE x

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(no subject) - mmkeerthar x

+ x

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Apps

Gmail

YouTube

Maps

Reading list

Update

DEPLOY & RUN TRANSACTIONS

Deploy

☐ Publish to IPFS

At Address

Load contract from Address

Transactions recorded 3

Deployed Contracts

ZONE\_NAME AT 0XD91...39138

Balance: 0 ETH

get

0: string: Zone name

Low level interactions

CALLDATA

Transact

ZONE\_NAME AT 0XD8B...33FA8

ZONE\_NAME AT 0XF8E...9FBE8

zone name.sol

```
1 //My First Smart Contract
2 // SPDX-License-Identifier: UNLICENSED
3 pragma solidity >=0.5.0 <0.7.0;
4 contract Zone_name {
5     function get()public pure returns (string memory){ infinite gas
6         return 'Zone name';
7     }
8 }
```

listen on all transactions

Search with transaction hash or address

CALL [call] from: 0x5B380a6a701c568545dCfcB03FcB875f56beddC4 to: Zone\_name.get() data: 0x6d4...ce63c

Debug



Activities

Google Chrome

Oct 3 19:21

Remix - Ethereum IDE & CC

Remix - Ethereum IDE

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remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.6.12+commit.27d51765.js

Apps Gmail YouTube Maps

Update

Reading list

DEPLOY & RUN TRANSACTIONS

Remix VM (Shanghai)

VM

ACCOUNT

0x5B3...eddC4 (99.999999%)

GAS LIMIT

3000000

VALUE

0 Wei

CONTRACT

Zone\_name - zone name.sol

evm version: Istanbul

Deploy

Deploy - transact (not payable)

☐ Publish to IPFS

At Address

Load contract from Address

Transactions recorded 3

Deployed Contracts

zone name.sol

```
1 //My First Smart Contract
2 // SPDX-License-Identifier: UNLICENSED
3 pragma solidity >=0.5.0 <0.7.0;
4 contract Zone_name {
5     function get()public pure returns (string memory){ infinite gas
6         return 'Zone name';
7     }
8 }
```

☐ listen on all transactions

Search with transaction hash or address

✓

[vm] from: 0x5B3...eddC4 to: Zone\_name.(constructor) value: 0 wei data: 0x608...c0033 logs: 0

hash: 0xe5d...42512

Debug