

3:01 ▲

VoLTE 4G LTE2 ↓↑ 67% 🔋



🔒 remix.ethereum.org/#



default_workspace ⬆⬆

- create a new works

connect to localhost

✓ default_workspace

📁 scripts

📁 tests

{ } .prettierrc.json

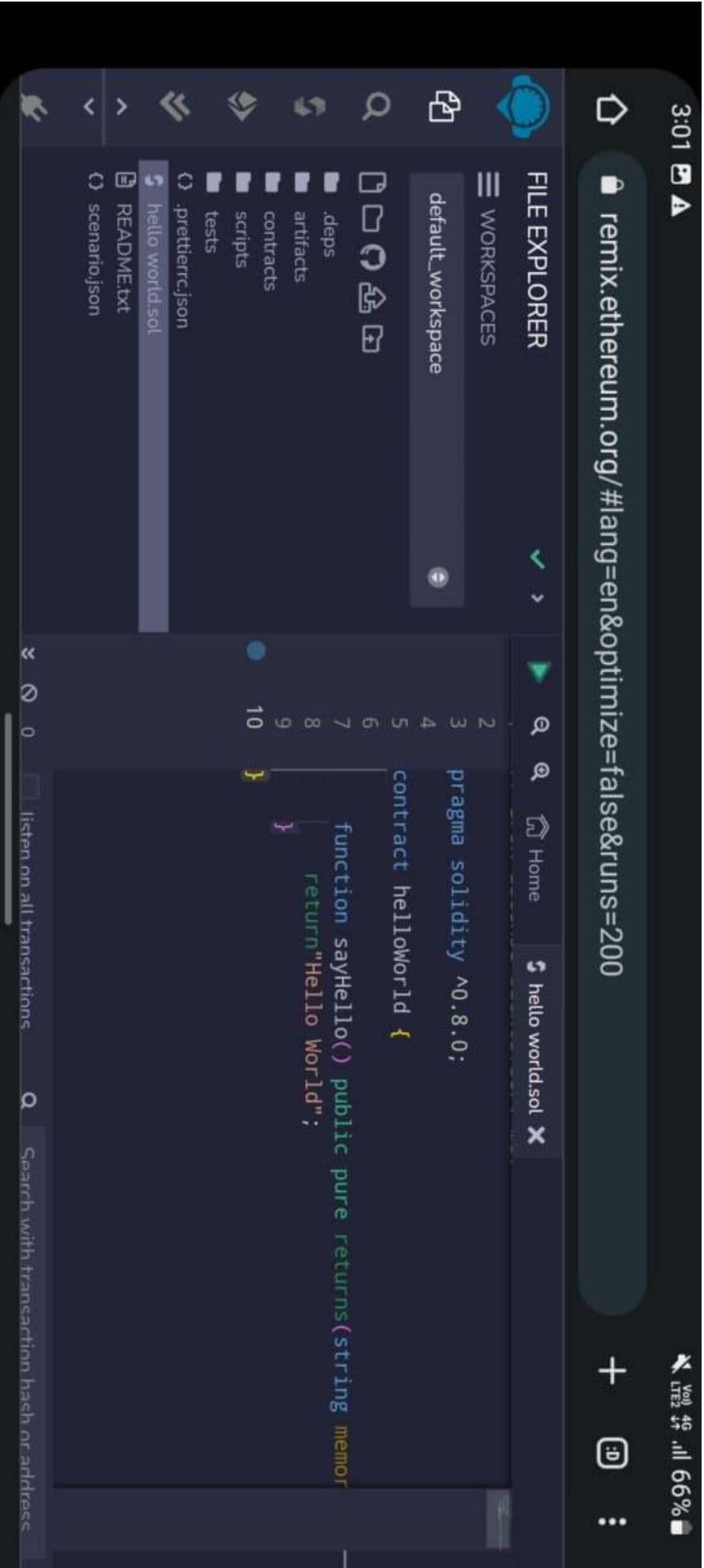
🔄 hello world.sol

📄 README.txt

{ } scenario.json

⌵ 0 ☐ listen on all trans

- web3 version 1.5.2
- ethers.js
- remix



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SOLIDITY COMPILER

COMPILER

0.8.18+commit.87f61d96

☐ Include nightly builds

☐ Auto compile

☐ Hide warnings

Advanced Configurations

Compile hello world.sol

Ctrl+S to compile hello world.sol

CONTRACT

helloWorld (hello world.sol)

Publish on Ipfs

Publish on Swarm

Compilation Details

ABI Bytecode

```
2
3 pragma solidity ^0.8.0;
4
5 contract helloWorld {
6
7     function sayHello() public pure returns(string memory)
8     {
9         return "Hello World";
10    }
11 }
```

Listen on all transactions

Search with transaction hash or address

Welcome to Remix 0.36.1

Your files are stored in indexedDB, 16.61 KB / 30.98 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'

The following libraries are accessible:

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ENVIRONMENT

Remix VM (Shanghai)

ACCOUNT

0x5B3...eddC4 (99.999999%)

GAS LIMIT

3000000

VALUE

0 Wei

CONTRACT

helloWorld - hello world.sol

Deploy

Publish to IPFS

At Address

Load contract from Address

Transactions recorded

Deployed Contracts

HELLOWORLD AT 0xD91...39138

```
7 function sayHello() public pure returns(string) {
8     return "Hello World";
9 }
10
11
```

listen on all transactions

Search with transaction hash or address

- 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'

The following libraries are accessible:

- web3 version 1.5.2
- ethers.js
- remix

Type the library name to see available commands.

creation of helloworld pending...

ABI

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

BYTE CODE

```
608060405234801561001057600080fd5b50610173806100206000396000f3fe608060405234801561
001057600080fd5b506004361061002b5760003560e01c8063ef5fb05b14610030575b600080fd5b61
003861004e565b604051610045919061011b565b60405180910390f35b60606040518060400160405
280600b81526020017f48656c6c6f20576f726c64000000000000000000000000000000000000
0815250905090565b600081519050919050565b600082825260208201905092915050565b60005b8
38110156100c55780820151818401526020810190506100aa565b60008484015250505050565b6000
601f19601f8301169050919050565b60006100ed8261008b565b6100f78185610096565b935061010
78185602086016100a7565b610110816100d1565b840191505092915050565b60006020820190508
18103600083015261013581846100e2565b90509291505056fea2646970667358221220a27db0cb42
1cd7dca3a97cfa44f43ab2277f21571347a18535585e6b5409e0e664736f6c63430008120033
```

