

ACCOUNTS

BLOCKS

TRANSACTIONS

CONTRACTS

EVENTS

LOGS

CURRENT BLOCK0

GAS PRICE2000000000

GAS LIMIT6721975

HARDFORKMERGE

NETWORK ID5777

RPC SERVERHTTP://127.0.0.1:7545

MINING STATUSAUTOMINING

WORKSPACE QUICKSTART

SAVE

SWITCH

SEARCH FOR: BLOCK NUMBERS OR TX HASHES

MNEMONIC

HD PATH

cruise shift client battle save nature frog social easy almost polar rural

m44'60'0"0'account_index

ADDRESS	BALANCE	TX COUNT	INDEX	
0xC429Fff045d470fd879e921b580fDbb9FD4F5974	100.00 ETH	0	0	
0xd28bdb05e25a19D452A4f28333aCfe2429BA02e0	100.00 ETH	0	1	
0xe16A1760d2709bB84b96A650D44Ad6884F13795F	100.00 ETH	0	2	
0x7AAf1635DCC41A8603ae896Eba914A4E77147507	100.00 ETH	0	3	
0x5C1C83Fb81B4180Fad4F3850b5085472E45CfEfB	100.00 ETH	0	4	
0xbEE97CBd4E97F9EB630f13D85267dE680764C9f8	100.00 ETH	0	5	
0x43ee42ea0d2ECc07E4522597e5bfbF9bae58d603	100.00 ETH	0	6	
0x6EC97640Ce7c236DACA4AE495397ad8E1901BbC0	100.00 ETH	0	7	

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ENG

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WORKSPACE

SERVER

ACCOUNTS & KEYS

CHAIN

ADVANCED

ABOUT

CANCEL

RESTART

Restarting the Quickstart workspace resets the blockchain. All transactions and contract states will be reset.

SERVER

HOSTNAME

127.0.0.1 - Loopback Pseudo-Interface 1

The server will accept RPC connections on the following host and port.

PORT NUMBER

7545

NETWORK ID

5777

Internal blockchain identifier of Ganache server.

AUTOMINE

Process transactions instantaneously.

ERROR ON TRANSACTION FAILURE

When transactions fail, throw an error. If disabled, transaction failures will only be detectable via the "status" flag in the transaction receipt. Disabling this feature will make Ganache handle transaction failures like other Ethereum clients.

CHAIN FORKING

Fork an existing chain creating a new sandbox with the existing chain's accounts, contracts, transactions and data.

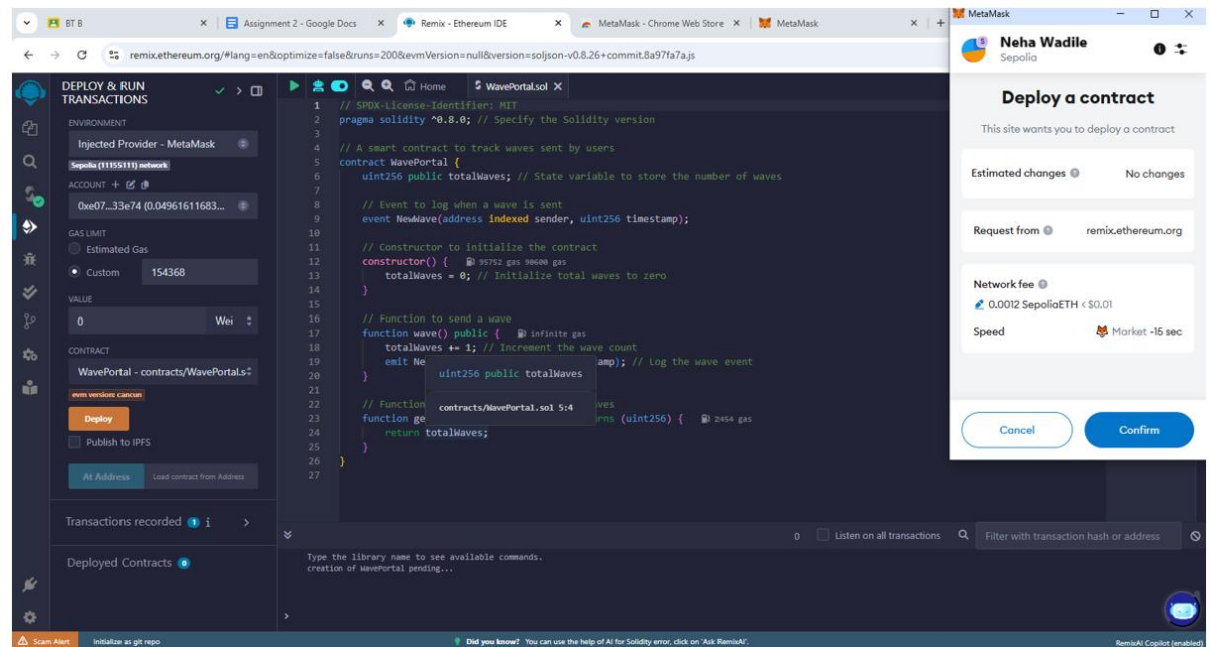
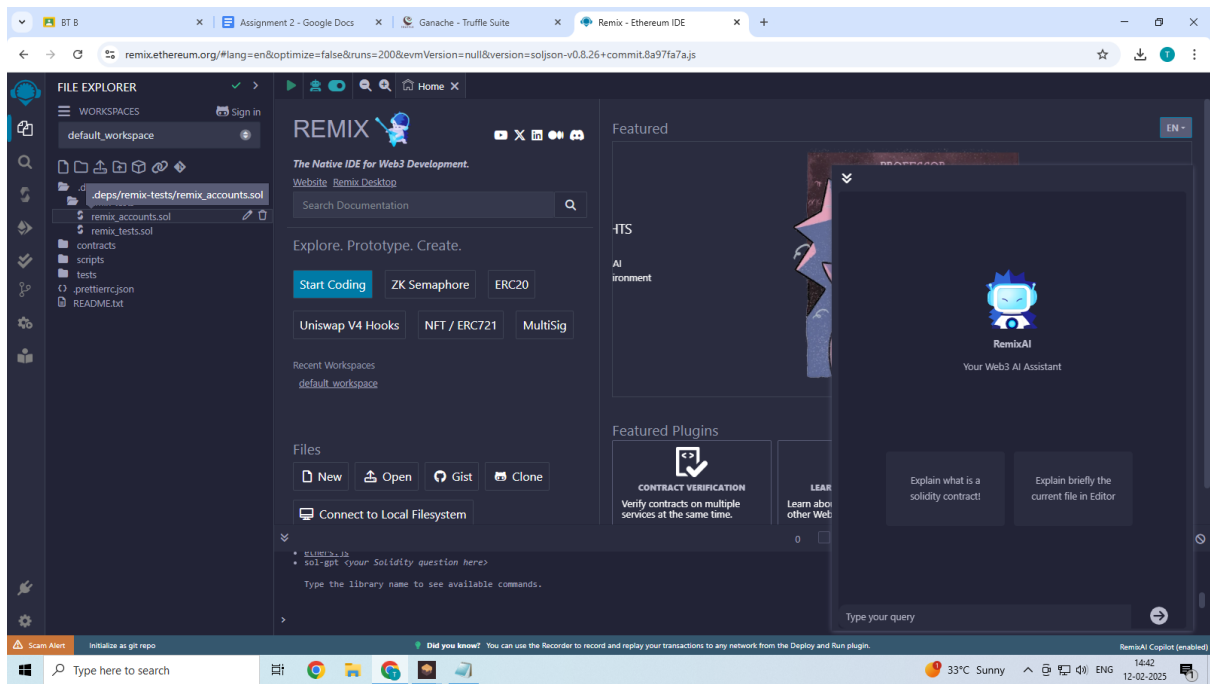
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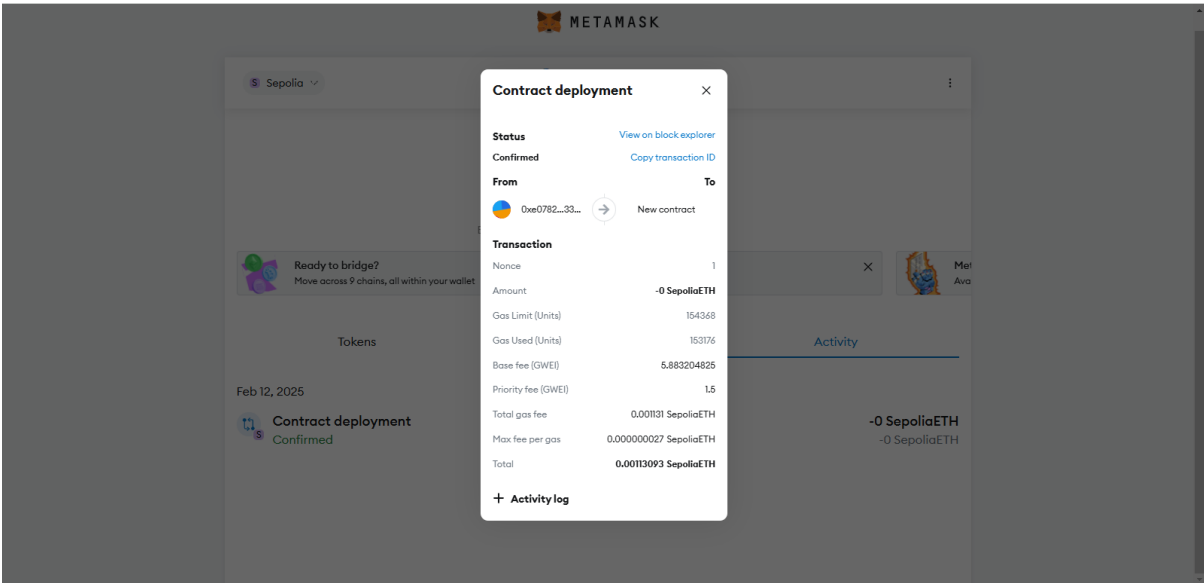
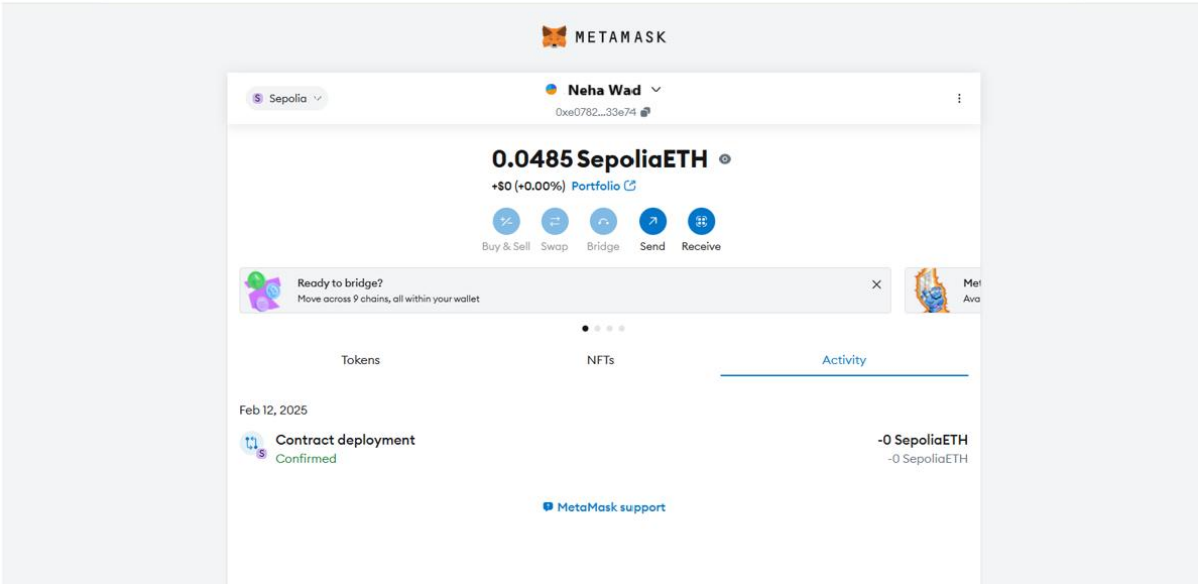
NIFTY -0.35%

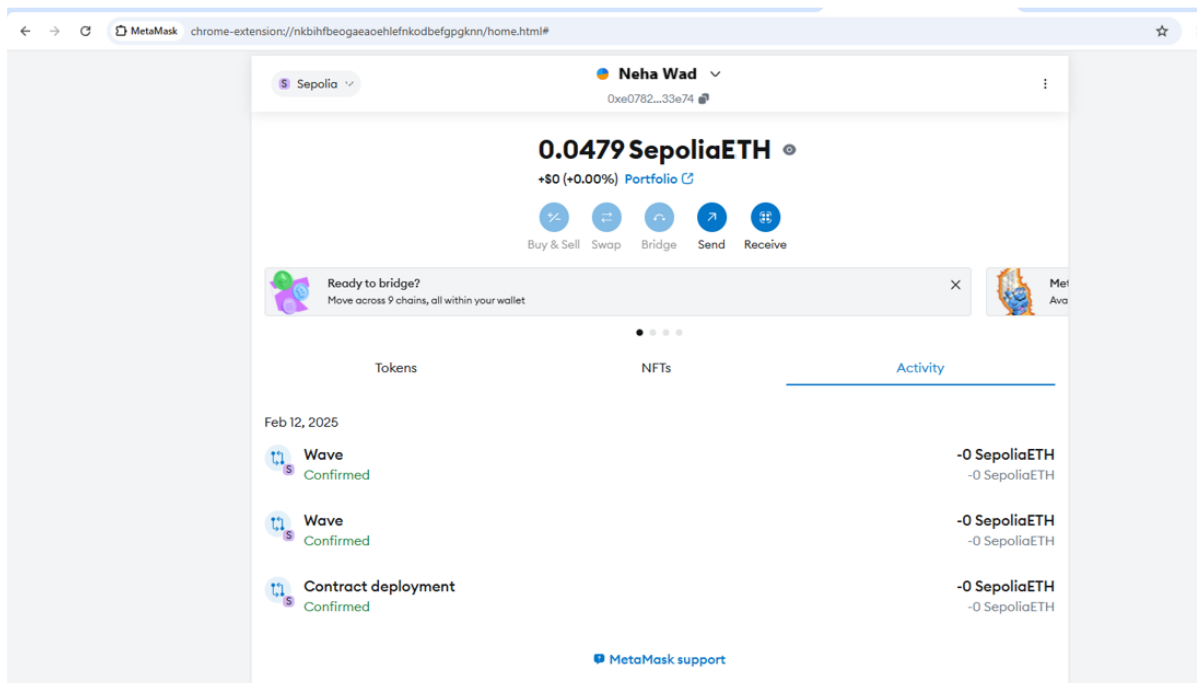
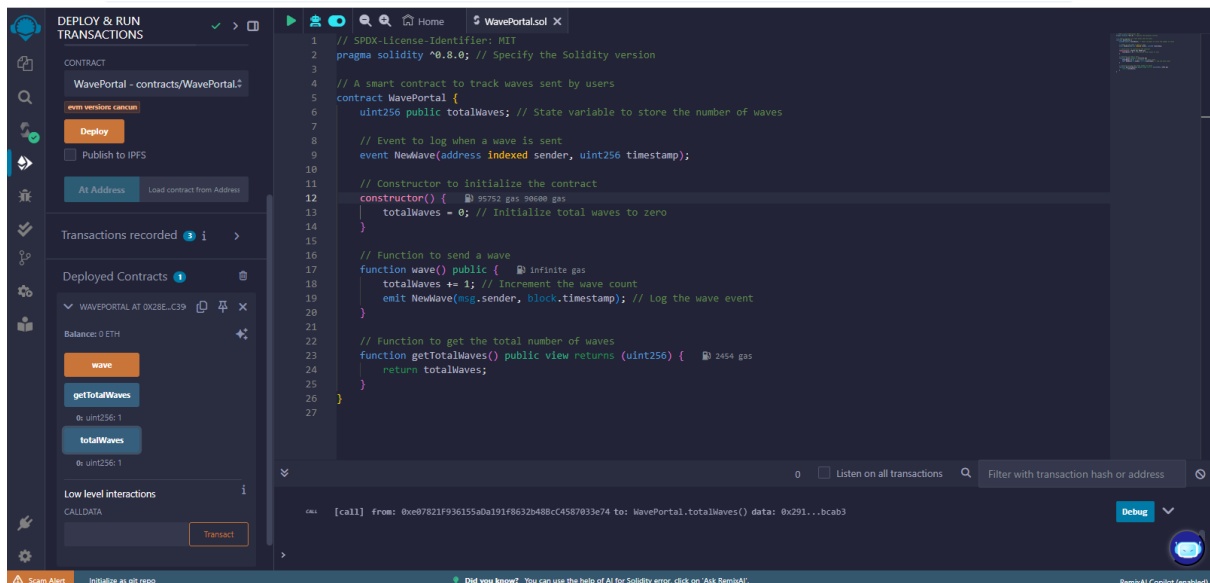
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BT B Assignment 2 - Google Docs Remix - Ethereum IDE MetaMask - Chrome Web Store MetaMask

remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.26+commit.8a97fa7a.js

DEPLOY & RUN TRANSACTIONS

CONTRACT

WavePortal - contracts/WavePortal.*

Even versions cancel

Deploy

Publish to IPFS

At Address Load contract from Address

Transactions recorded 1 i >

Deployed Contracts 1

WAVEPORTAL AT 0x28E...C39

Balance: 0 ETH

wave

getTotalWaves

0x uint256: 2

totalWaves

0x uint256: 2

Low level interactions

CALLDATA

Transact

```
1 // SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.0; // Specify the Solidity version
3
4 // A smart contract to track waves sent by users
5 contract WavePortal {
6     uint256 public totalWaves; // State variable to store the number of waves
7
8     // Event to log when a wave is sent
9     event NewWave(address indexed sender, uint256 timestamp);
10
11     // Constructor to initialize the contract
12     constructor() {
13         // 95752 gas 90000 gas
14         totalWaves = 0; // Initialize total waves to zero
15     }
16
17     // Function to send a wave
18     function wave() public {
19         // infinite gas
20         totalWaves += 1; // Increment the wave count
21         emit NewWave(msg.sender, block.timestamp); // Log the wave event
22     }
23
24     // Function to get the total number of waves
25     function getTotalWaves() public view returns (uint256) {
26         // 2454 gas
27         return totalWaves;
28     }
29 }
```

0 ☐ Listen on all transactions Filter with transaction hash or address

0x: [call] from: 0xe07821f936155a0a191f8632b488c4587833e74 to: WavePortal.totalWaves() data: 0x291...bcab3

Debug

Scan Alert Initialize as git repo Did you know? You can use the help of AI for Solidity error, click on 'Ask RemixAI'. RemixAI Copilot (enabled)

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