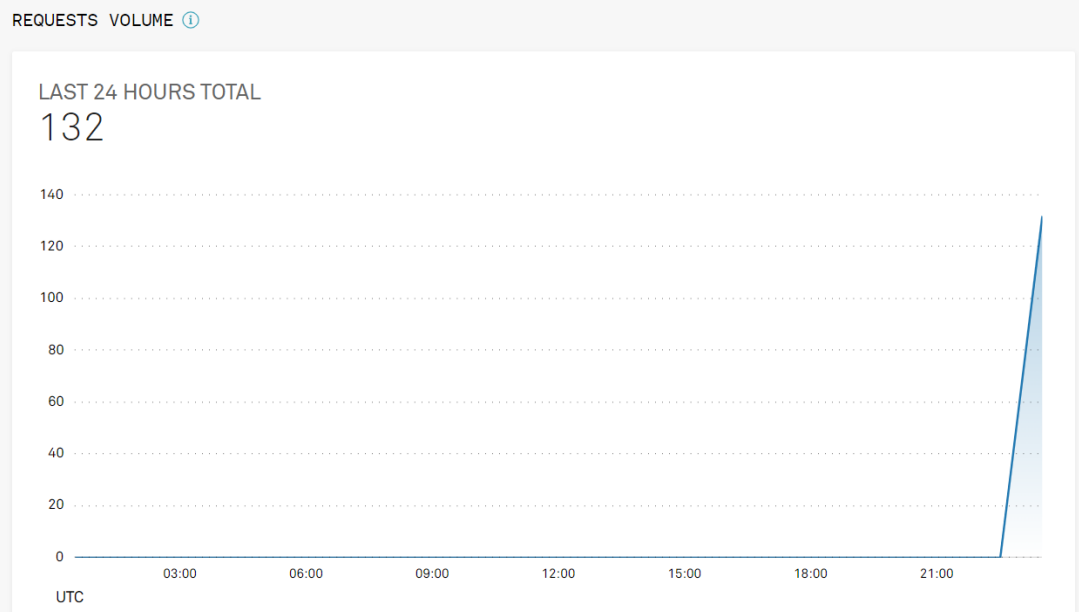


Introduction to Blockchain

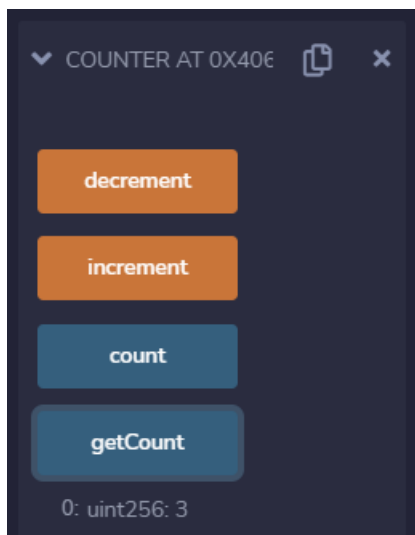
Assignment - 2

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B11

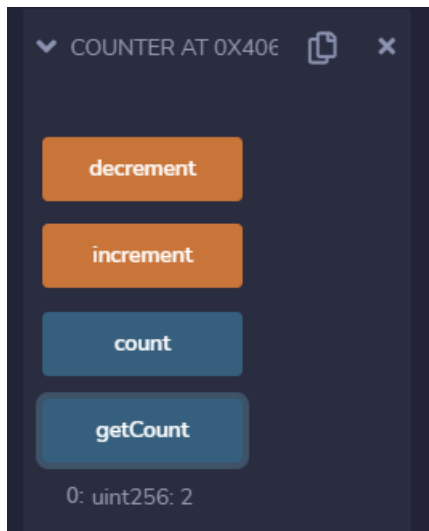
Q1. 1. Interact with deployed contract Requests Volume (Infura.io Dashboard)



Increment Count



Decrement Count



2. Deploy a new contract Contract

```
// SPDX-License-Identifier: MIT
pragma solidity 0.8.7;

contract Counter {
    uint public count=0;

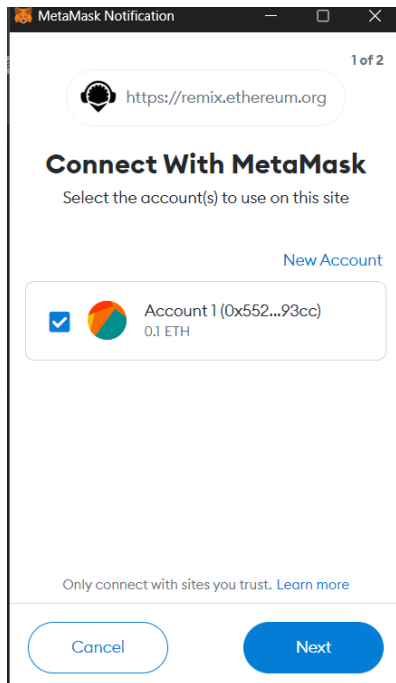
    event Increment(uint value);
    event Decrement(uint value);

    function getCount()view public returns(uint){
        return count;
    }

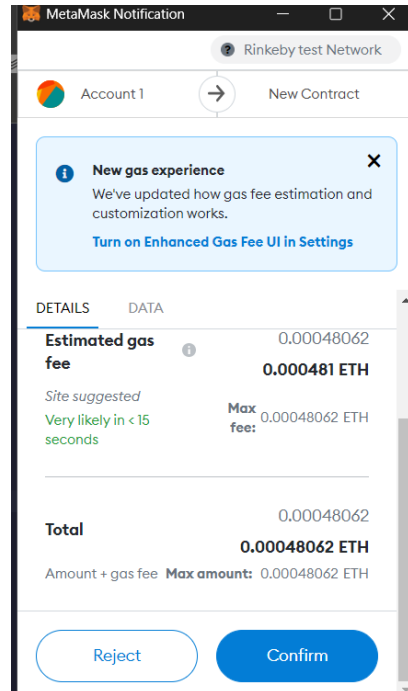
    function increment() public{
        count+=1;
        emit Increment(count);
    }

    function decrement()public{
        count-=1;
        emit Decrement(count);
    }
}
```

Connecting to the Metamask



Confirming contract gas fees



Transaction Details

Transaction Details < >

Overview Logs (1) State

[This is a Rinkeby Testnet transaction only]

Transaction Hash:	0x828839c2f8273e279418993783efb7568177d4e6e7b20520cebd87dfc3eca0fc
Status:	Success
Block:	10477098 1 Block Confirmation
Timestamp:	14 secs ago (Apr-10-2022 12:16:59 AM +UTC)
From:	0x552448a5068325013f02fe3116d9a66da3a393cc
To:	Contract 0x41ad262cf101182d9417d9e511c4a353a0314450
Value:	0 Ether (\$0.00)
Transaction Fee:	0.000112160000358912 Ether (\$0.00)
Gas Price:	0.000000002500000008 Ether (2.500000008 Gwei)

Click to see More ↓

Gas Price:	0.000000002500000008 Ether (2.500000008 Gwei)
Gas Limit & Usage by Txn:	44,864 44,864 (100%)
Gas Fees:	Base: 0.000000008 Gwei Max: 2.500000016 Gwei Max Priority: 2.5 Gwei
Burnt & Txn Savings Fees:	Burnt: 0.0000000000358912 Ether (\$0.00) Txn Savings: 0.0000000000358912 Ether (\$0.00)

Others: Txn Type: 2 (EIP-1559) Nonce: 1 Position: 6

Input Data:
Function: increment() ***
MethodID: 0xd09de08a

View Input As

Functions to call from Remix IDE

COUNTER AT 0X41A...14450 (BLOCK)

decrement

increment

count

0: uint256: 0

getCount

0: uint256: 0