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# BlockChain Technology

## Practical 8

### Implement smart contracts on decentralised apps using oneclickdapp.com

#### • Code :

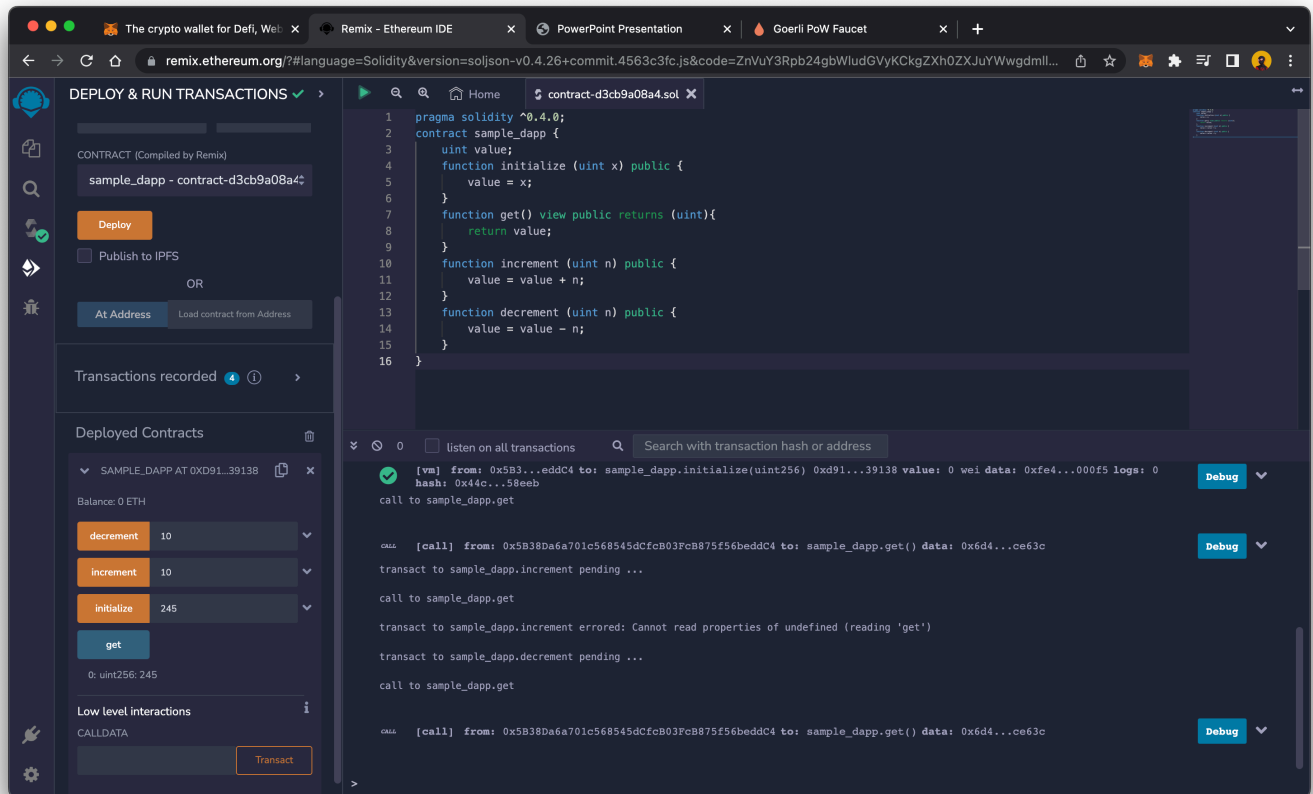
```
pragma solidity ^0.4.0;
contract sample_dapp {
    uint value;
    function initialize (uint x) public {
        value = x;
    }
    function get() view public returns (uint){
        return value;
    }
    function increment (uint n) public {
        value = value + n;
    }
    function decrement (uint n) public {
        value = value - n;
    }
}
```

#### • Steps :

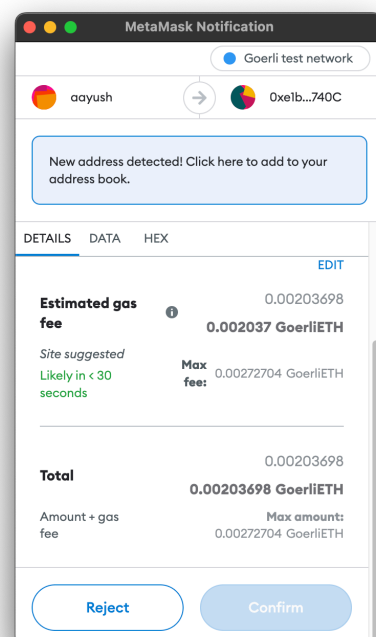
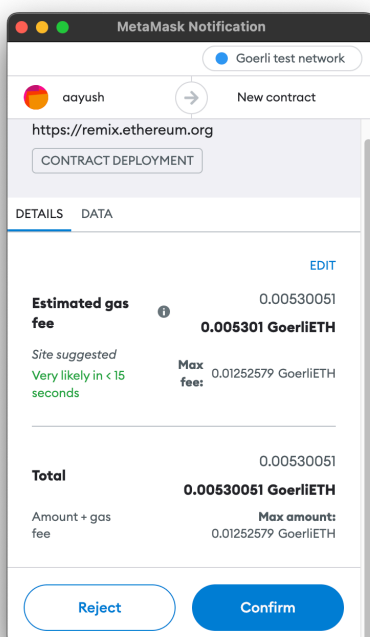
1. Deployed code.
2. Created account on One Click Dapp
3. Connected MetaMask with Remix IDE
4. GUI with One Click Dapp

## • Output Screenshots:

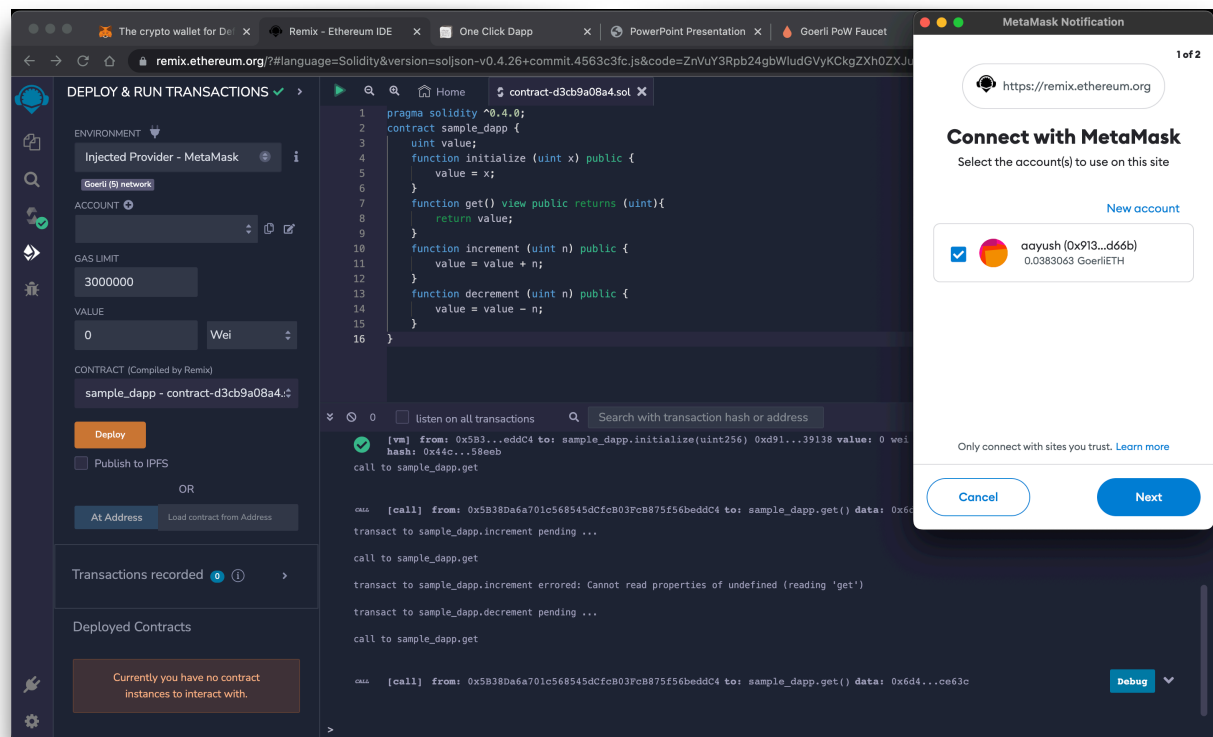
Deployed code :



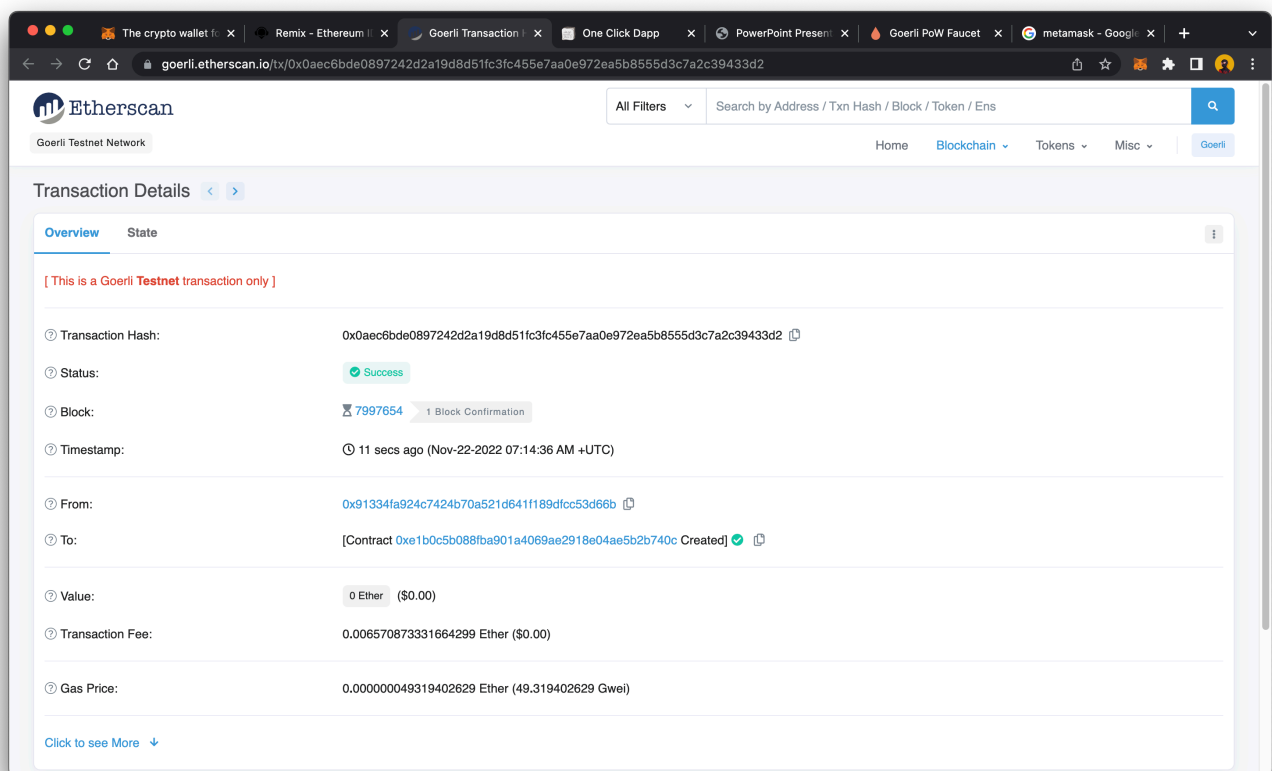
Conforming Transaction :



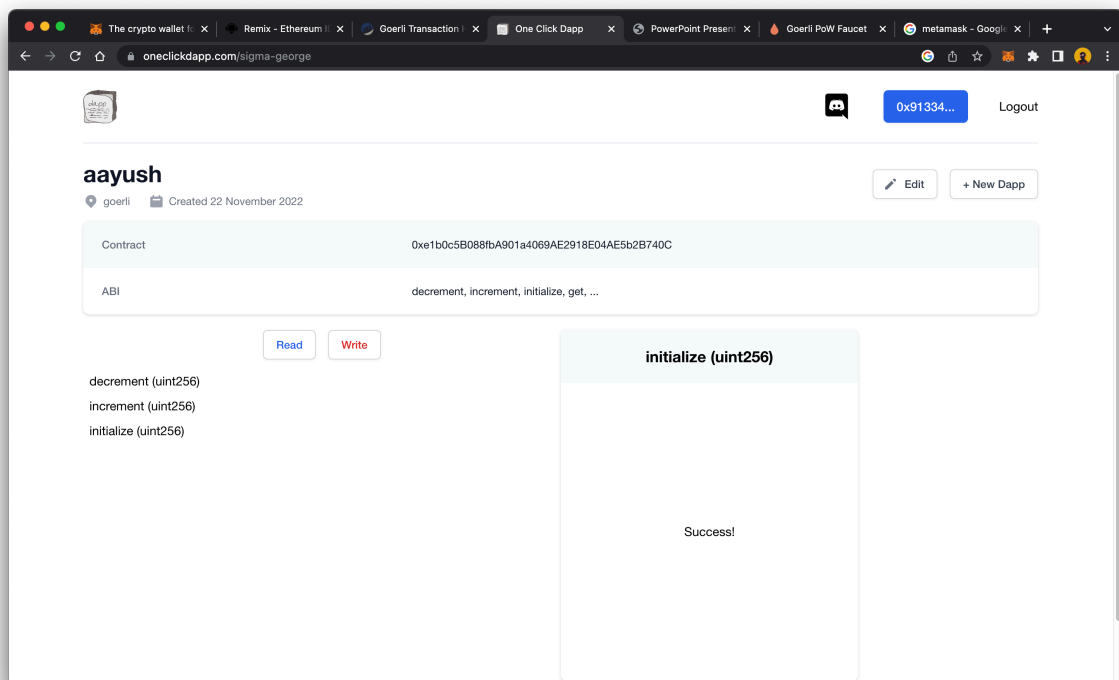
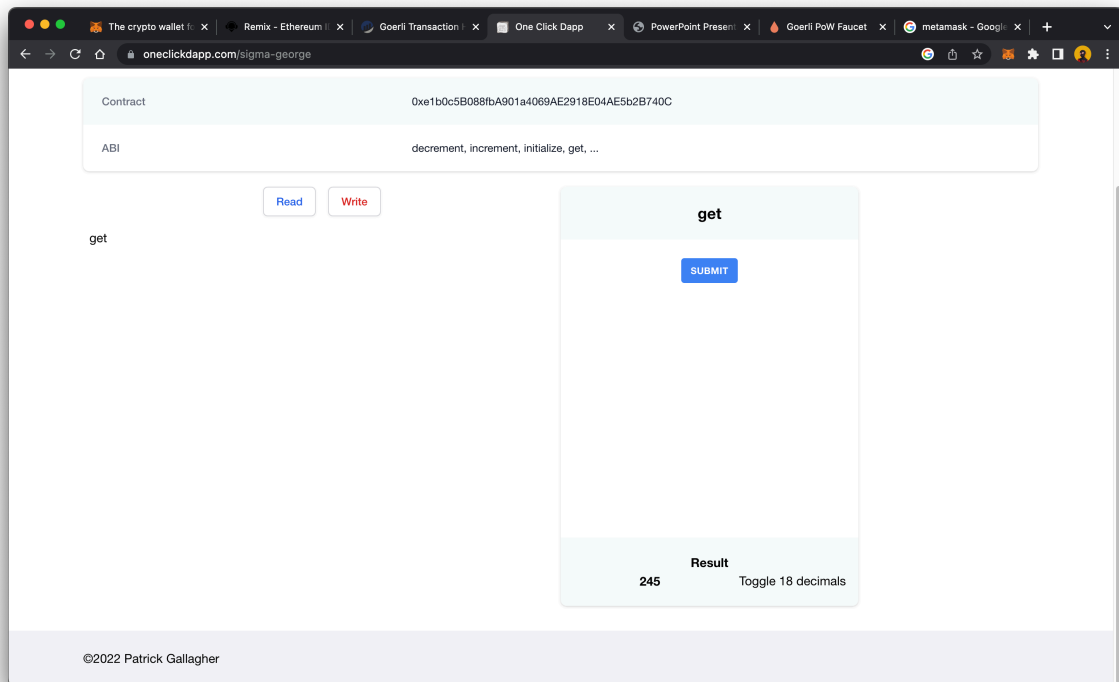
## Connection of IDE with MetaMask



## Etherscan link (obtained from deployment)



## Read and Write Operations on Dapp :



## Conclusion

In this practical, We deployed a smart contract and connected it with MetaMask. Moreover, we implemented a GUI with Decentralized App on OneClickApp.