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BCT

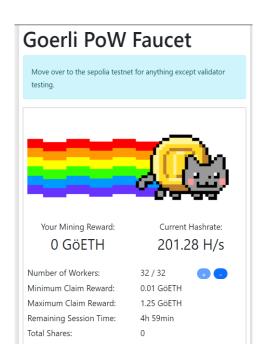
Practical 8

AIM: To design and develop end-to-end decentralized applications (Dapps).

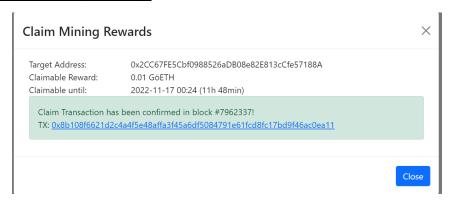
Code:

```
pragma solidity ^0.6.0;
contract sample_dapp {
    uint value;
    function initialize (uint x) public {
        value = x;
    }
    function get() view public returns (uint){
        return value;
    }
}
```

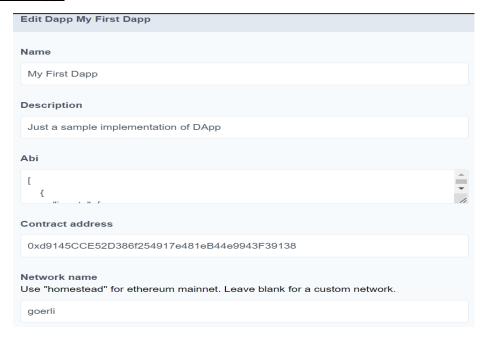
Mining Procedure:



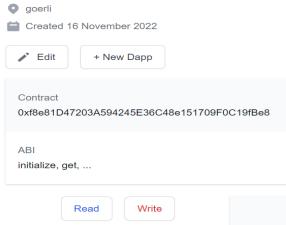
Collecting rewards through mining:



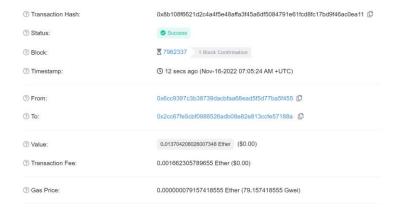
Making first Dapp:



My First Dapp



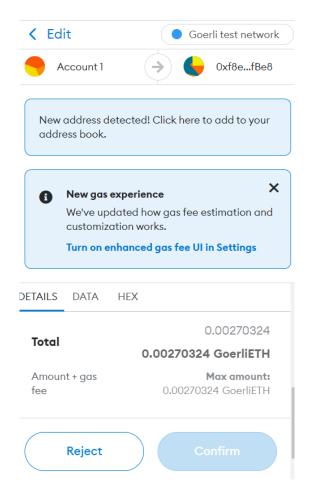
Complete description of the transaction:



Running of the program:



To set the value we will use some reward amount:



Some links for ref:

https://goerli-faucet.pk910.de/

https://metamask.io/

https://oneclickdapp.com/