

## 1. Experiment with Anders Blockchain.

The screenshot shows the 'Blockchain Demo' interface with the 'Blockchain' tab selected. It displays a sequence of blocks in a chain. On the left, a green sidebar shows a list of blocks with their hashes. The main area shows two blocks in detail, each with a 'Block #' dropdown, a 'Nonce' input field, a 'Data' text area, a 'Prev:' field showing the previous block's hash, and a 'Hash:' field showing the current block's hash. A 'Mine' button is at the bottom of each block's details.

Block #	Nonce	Prev Hash	Current Hash
2	35232	000015783b764259d382017d91a36d206d0600e2c1	ebd92b40ab98930924fad16f204bb0797af94f13a1
3	12937	ebd92b40ab98930924fad16f204bb0797af94f13a1	bac77eedc0921d031fba259255fe9a91d72ec98441

Excellent example to see working of blockchain.

## 2. Make a Sample Contract on Remix.Ethereum.org and publish it in your GitHub.

```
pragma solidity >=0.4.22 <0.7.0;

contract BikeOwner
{
    string currentOwner;

    function BikeOwnerOwner( string newOwner) public {
        currentOwner = newOwner;
    }

    function setOwner(string newOwner) public{
        currentOwner = newOwner;
    }

    function getOwner() public view returns(string){
        return(currentOwner);
    }
}
```

File is also uploaded to Git hub.