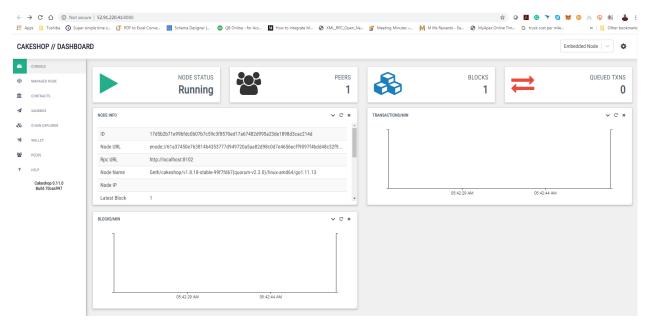
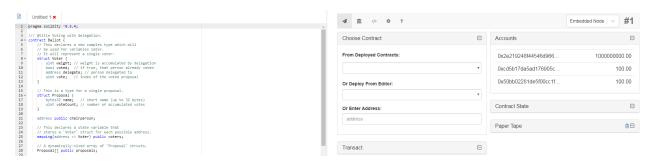
## Quorum

- 1. Launch Cakeshop: docker run -p 8080:8080 quorumengineering/cakeshop
  - a. If this doesn't launch, either stop and remove prior instances using docker or change the name.
  - b. If it says there is already an instance running, go to: <IP>:8080

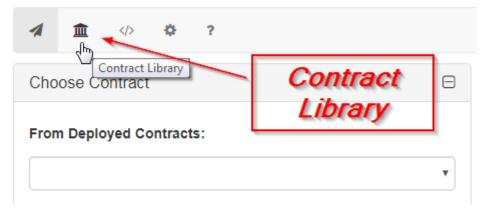


- 2. Go to "NODE INFO" and get the status and the number of blocks created in this blockchain
- 3. On the menu on the left, click on the "SANDBOX"



4. Click on the "Contract Library"

a.



1

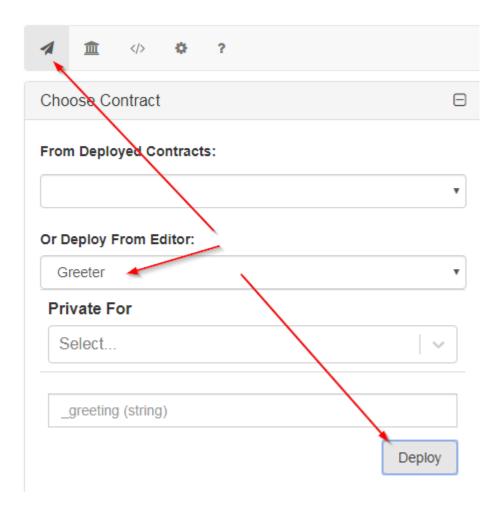
5. From the Library, please select "Greeter (Hello World):

a.

6. Make sure to review and understand what is going on in the code! Ask your instructor if you have any questions

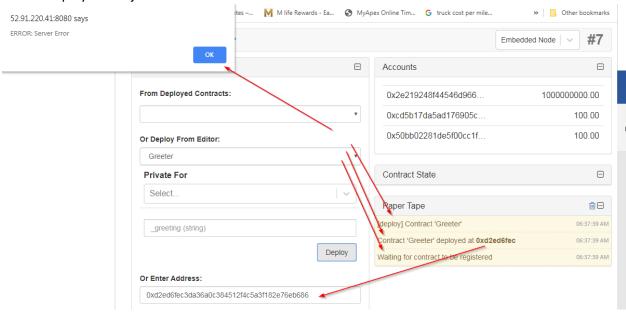
```
pragma solidity ^0.5.4;
contract Mortal {
    /* Define variable owner of the type address*/
   address payable owner;
    /* this function is executed at initialization and sets the owner of the contract */
   constructor() public { owner = msg.sender; }
    /* Function to recover the funds on the contract */
    function kill() public {
    require(msg.sender == owner, "Only the owner can call this method");
    selfdestruct(owner);
contract Greeter is Mortal {
    /* define variable greeting of the type string */
   string greeting;
    /* this runs when the contract is executed */
   constructor (string memory _greeting) public {
        greeting = _greeting;
   /* main function */
   function greet() public view returns (string memory) {
       return greeting;
}
```

7. From the right side of the screen, "Choose Contract Or Deploy From Editor" and select Greeter and DEPLOY



## WHY ARE THERE TWO OPTIONS IN THE DROP DOWN?

8. Once you deploy, it will show you an error. Please follow the "Paper Tape" and ensure that it is indeed deployed and jot down the Address:



9.	Go back to: <a href="http://&lt;IP&gt;:8080/">http://<ip>:8080/</ip></a> and choose Chain Explorer and ensure that your smart contract compiled and deployed.