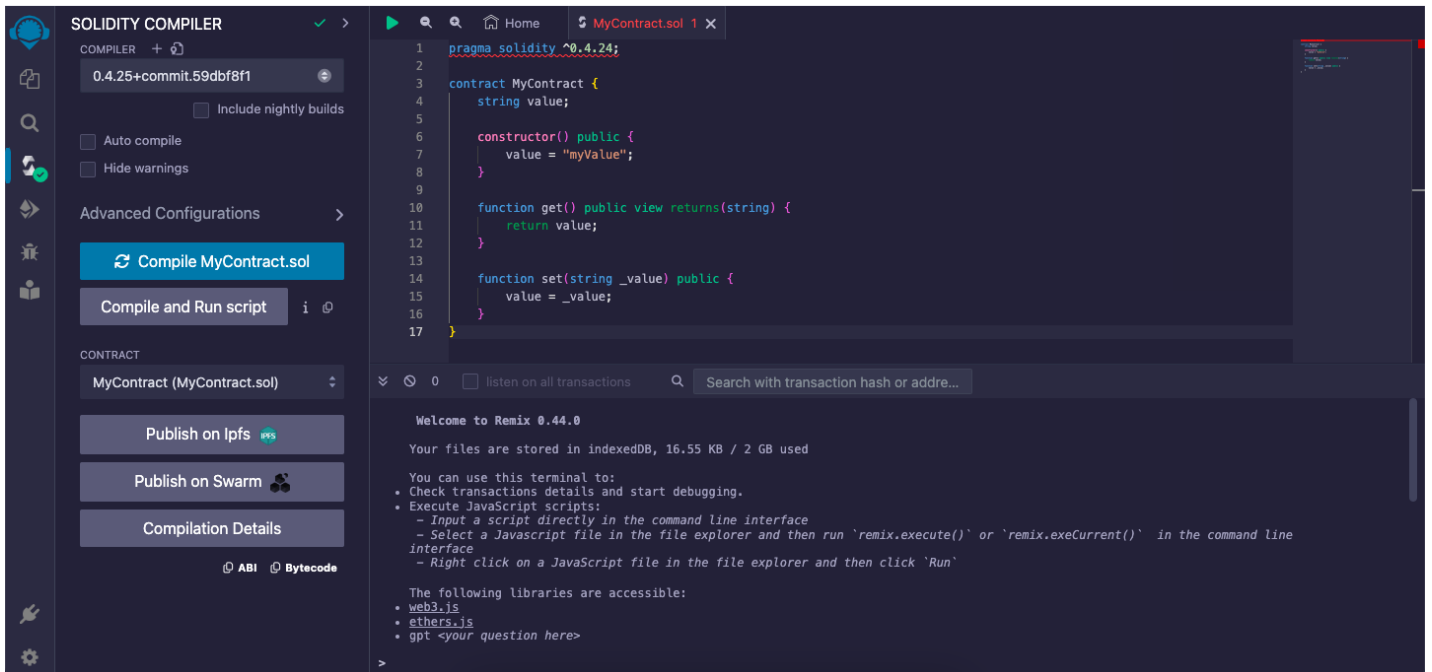


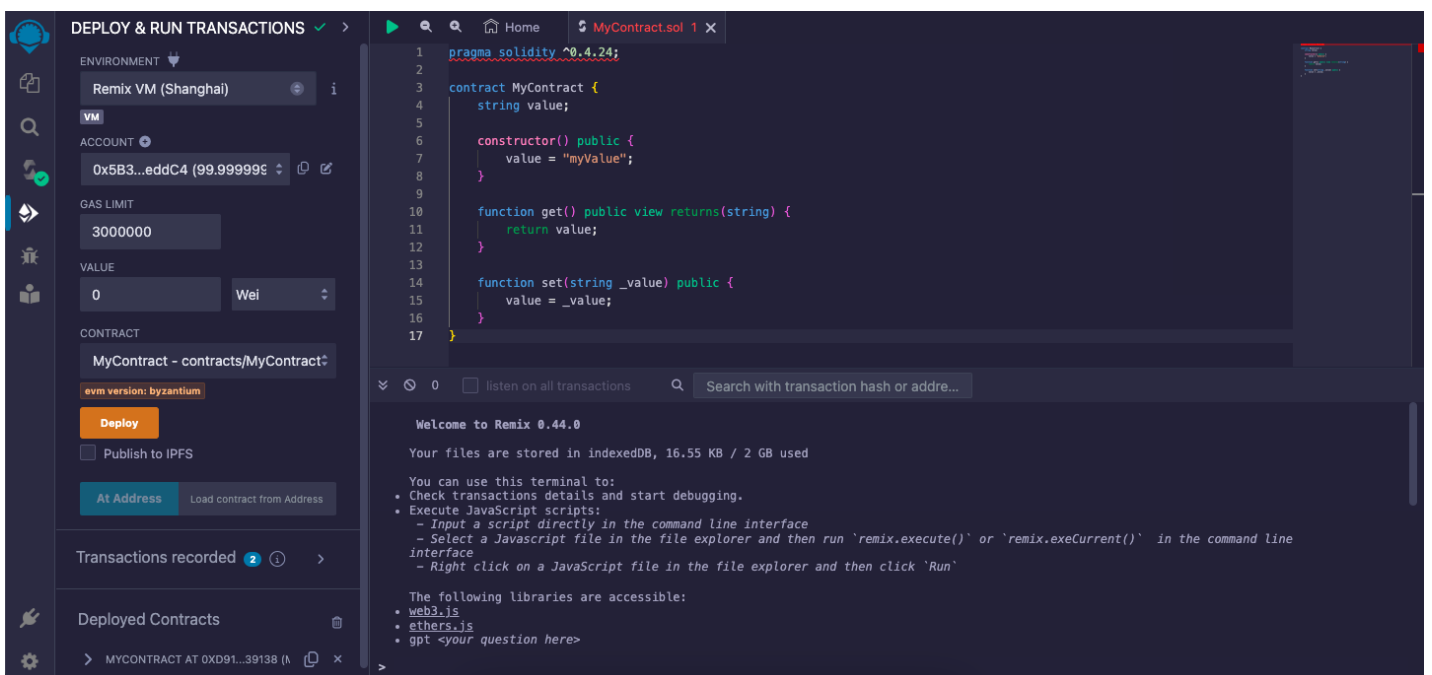
Welcome to the documentation of my first Solidity smart contract. In this documentation, I will show you that it was successfully compiled, deployed, and tested inside of a Remix VM.

1. Compiling



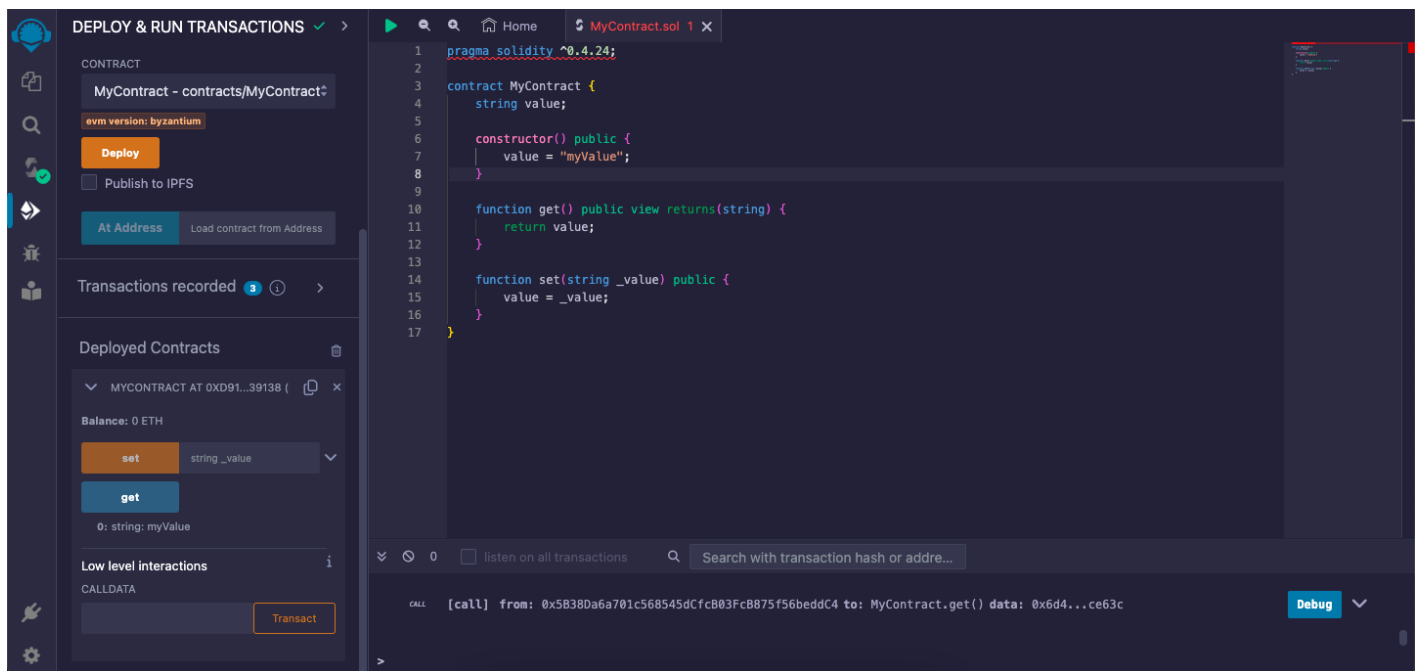
Here you can see that the contract was successfully compiled using a Compiler that was compatible with the version of Solidity that I used to write the contract. Compiling success can be verified because the contract is now available in the dropdown menu underneath the Contract section. The publishing options are also now available.

2. Deployment

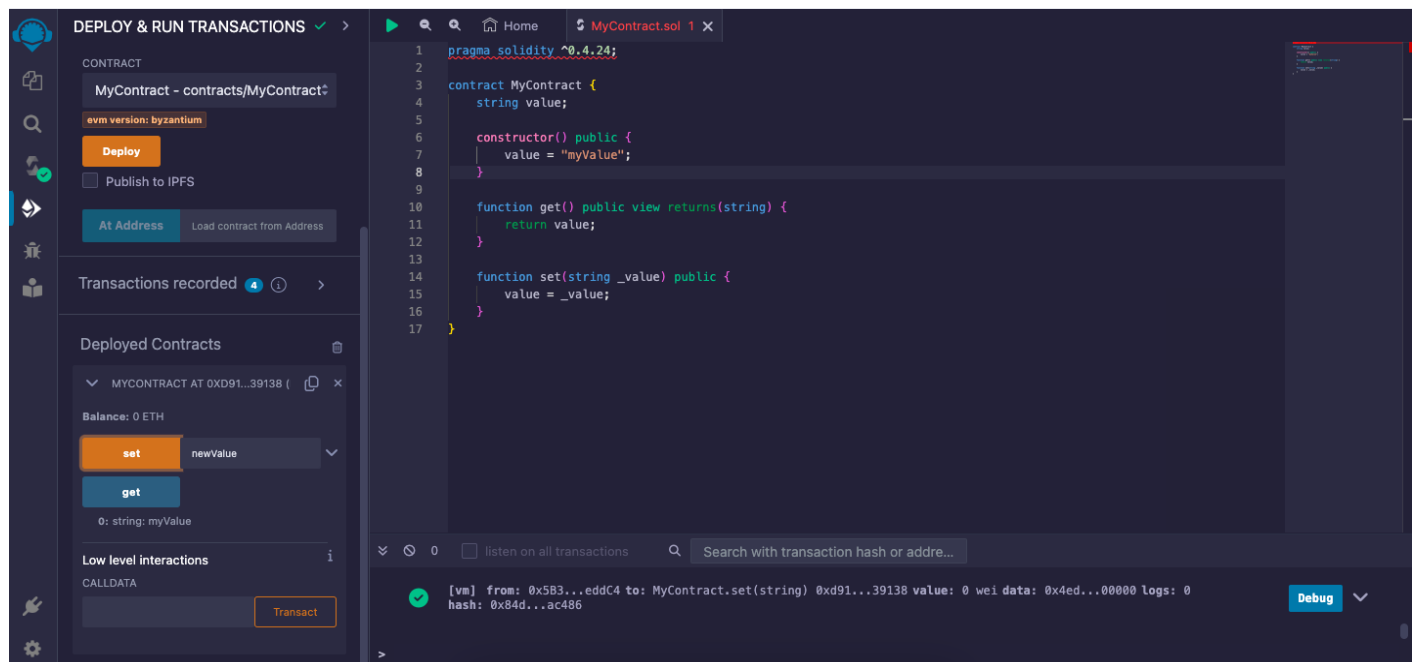


Here you can see the contract has been successfully deployed within the browser using one of Remix's available VMs. Deployment success can be verified because the contract name is now available under the Deployed Contracts section.

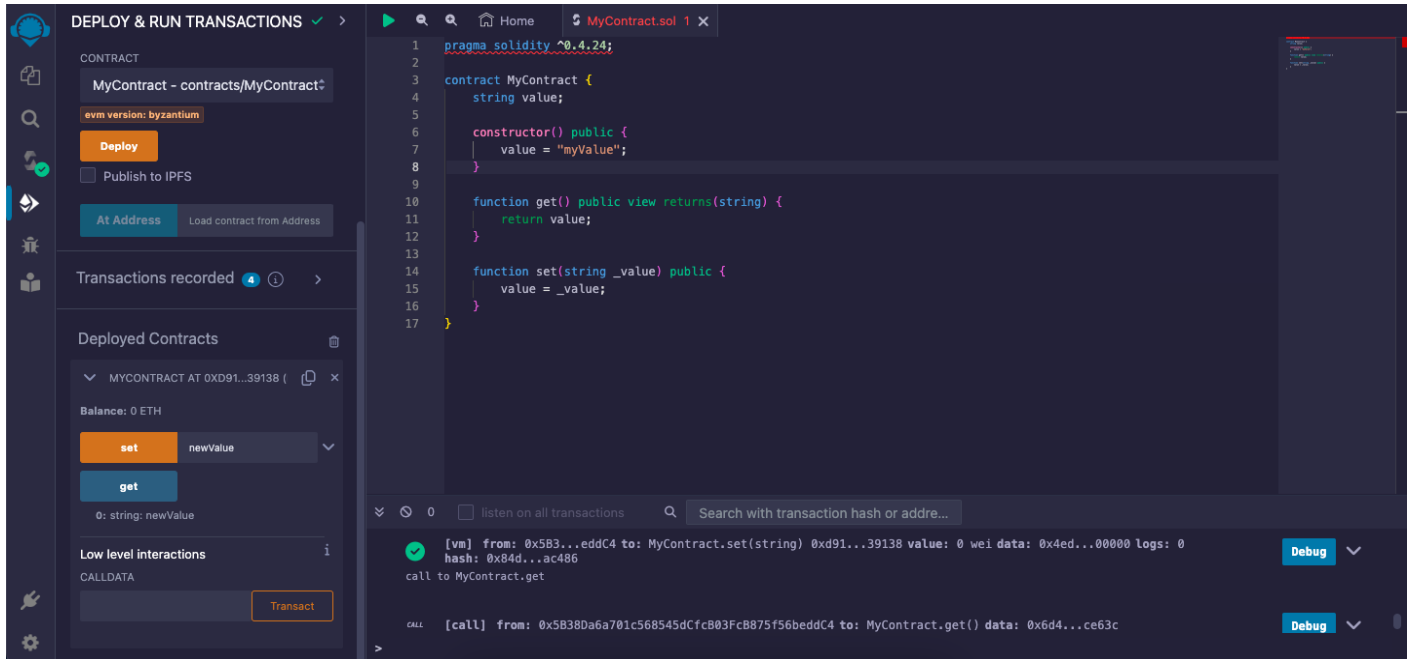
3. Testing



In this screenshot you can see my first test of the *get* function. I opened the contract from the Deployed Contracts menu and saw the two available contract functions (set and get). When I pressed the get button, it called the contract and returned the default value of myValue. You can see the call in the logs section at the bottom and the myValue return below the get button on the side.



Next, I tested the *set* function by typing newValue into the set box and pressing the set button. You can see the value set was successful because the log displays a checkmark next to the set transaction.



Finally, I made sure the contract would return the new value by running the get command again. You can see that it did return newValue as the string value. The log at the bottom further confirms the get call.

Thank you for reading through my documentation for the compiling, deployment, and testing of my first basic Solidity smart contract. I hope you found it insightful, and I look forward to expanding my Solidity abilities.