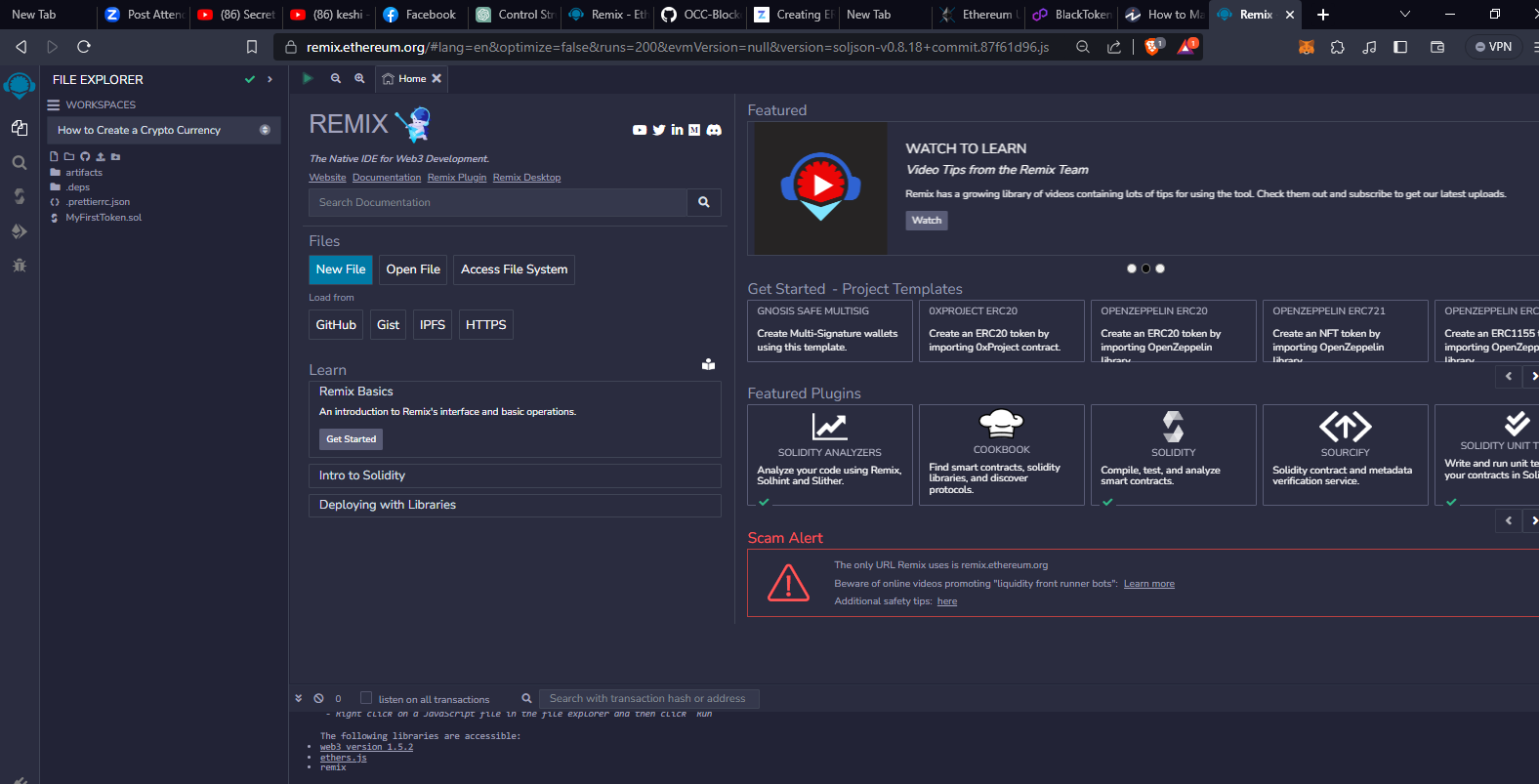
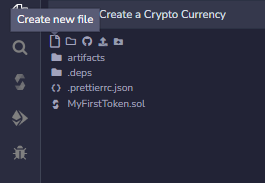
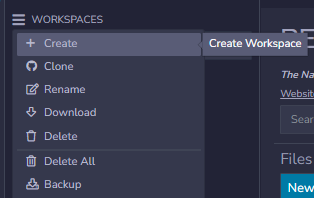
**How to create a CryptoCurrency**

**1.)Visit:** [**https://remix.ethereum.org/**](https://remix.ethereum.org/) **and create a workspace and create a new file   
 ** 

**2.) Import this codes/library into your file :**

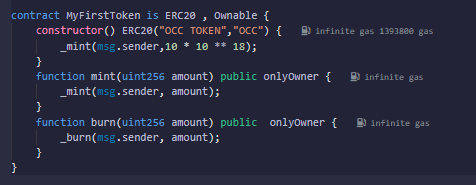
**For reference you can visit :** [**https://docs.openzeppelin.com/**](https://docs.openzeppelin.com/)



**ERC20.sol: This contract provides a standard implementation of the ERC-20 token standard, commonly used for creating fungible tokens on the Ethereum blockchain.**

**Ownable.sol: This contract provides access control mechanisms, allowing you to designate an "owner" with special privileges within your smart contract**

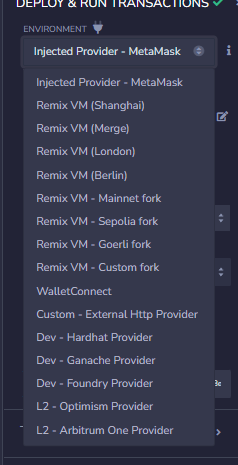
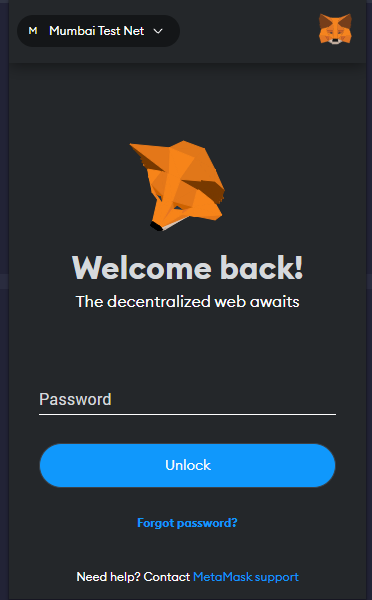
**By importing these contracts, you can use ERC-20 functionality for tokens and implement access control for your smart contract.**

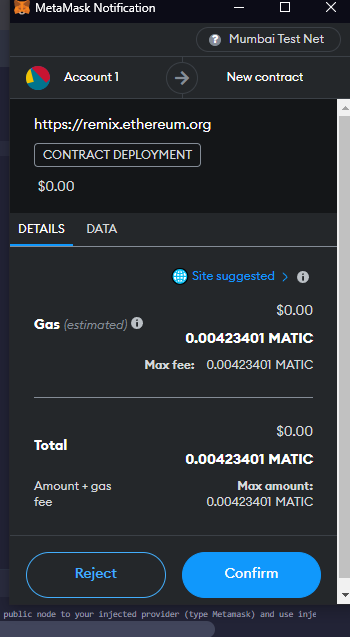
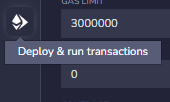
**3.)Proceed to make a contract and functions** 

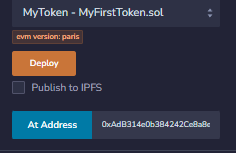
**MyFirstToken -it creates a new ERC-20 token with the name "OCC TOKEN" and the symbol "OCC."**

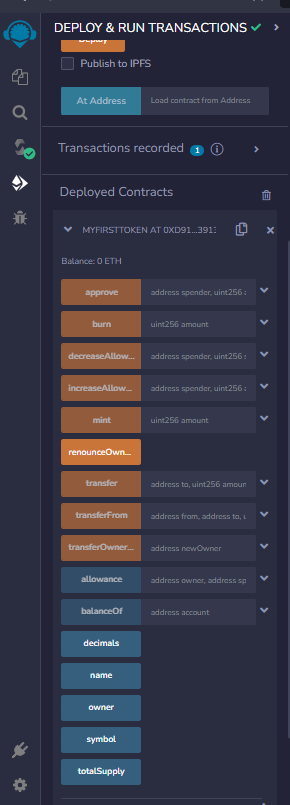
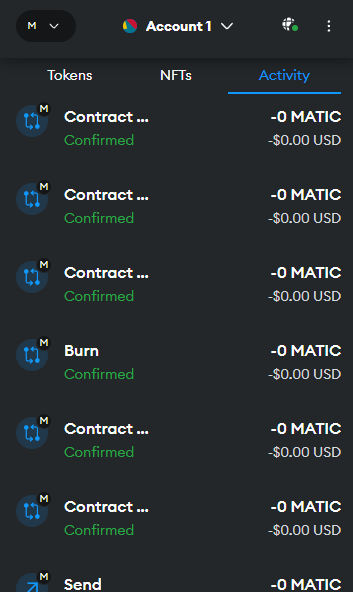
**mint - function allows the owner of the contract to create and add a specific amount of tokens to their own balance.**

**Burn - function with a specific amount, it will reduce their own token balance by that amount, effectively destroying (burning) those tokens.**

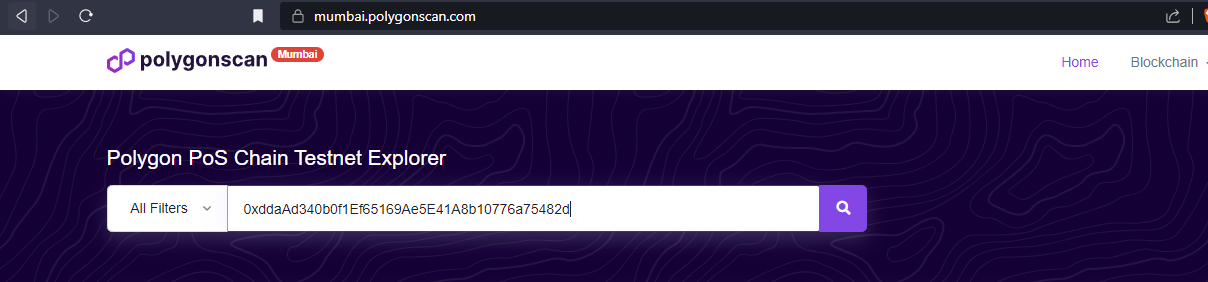
**4.) Log-in on your MetaMask Change your environment to Injected Provider -Metamask**

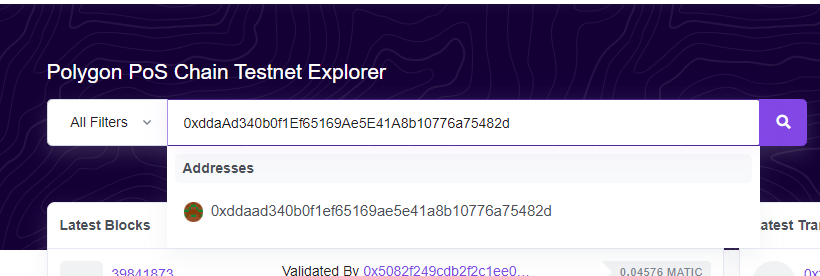
**5.When you click deploy (MetaMask will pop up (click Confirm )).**

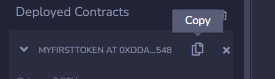


**6.It is advisable to check all of your functions and transactions to know if your contract is working.**

**8.) to check your transaction you can visit this website** [**https://mumbai.polygonscan.com/**](https://mumbai.polygonscan.com/)

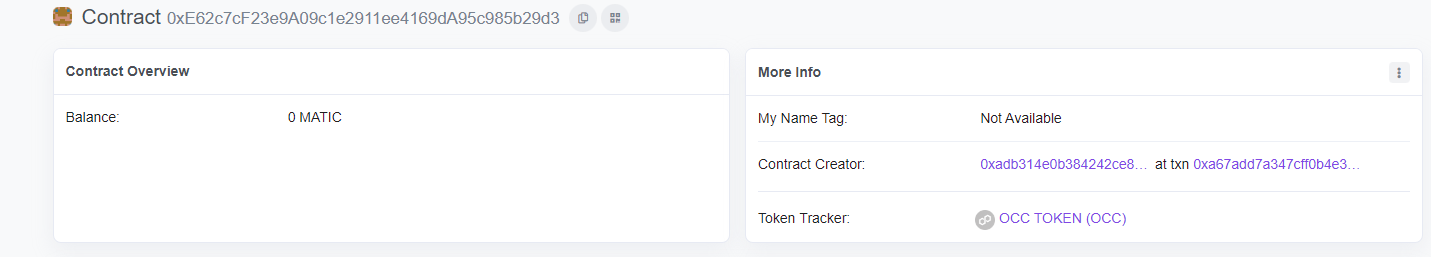
**Copy your address : Paste it to Search bar** 



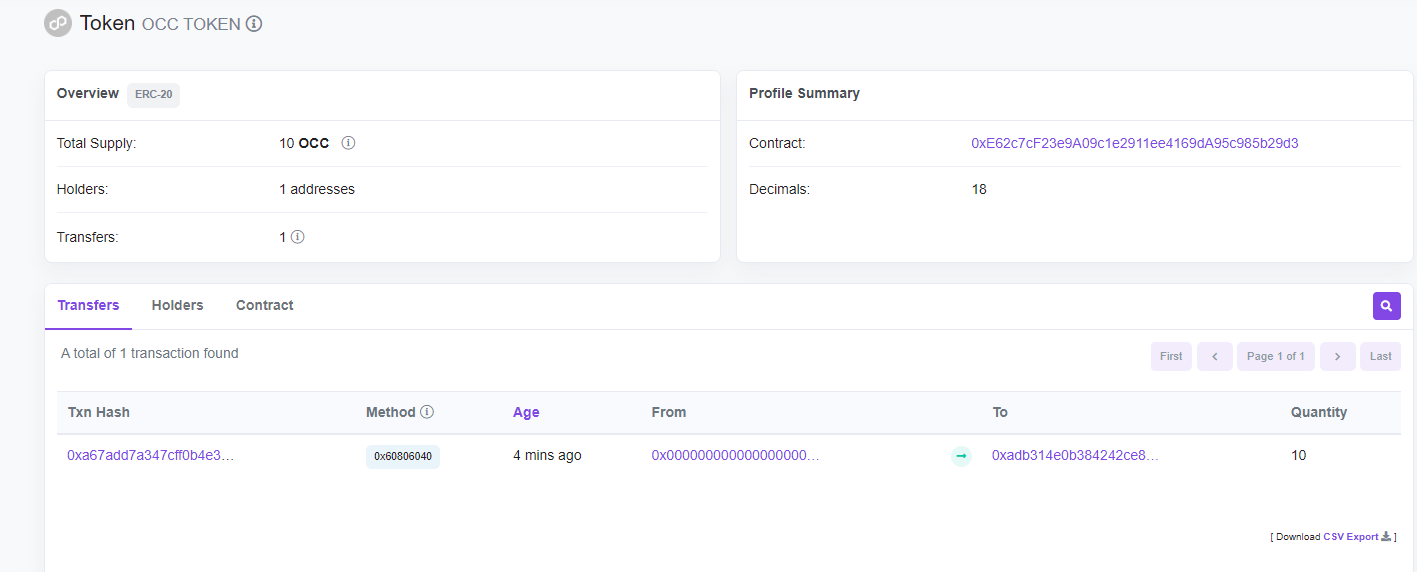


**7.)Click OCC TOKEN (OCC)**

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**8.) And that’s it , Congratulations for creating your own CryptoCurrency**

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