Name: Prathmesh Rajaram Date	Class: BE Comp	Div: A
Roll No:06 Subject: Laboratory Practice – III		Date: 23-09-2023

Group C: Blockchain Technology

Assignment 2

Title: Creating wallet using MetaMask

Problem Statement: Create your own wallet using Metamask for crypto transactions.

Objectives: 1) To study the working of metamask wallet.
                                2) To study crypto transaction.

Software Requirements :   1) OS: Ubuntu / Windows.
                                2) Chrome/Firefox browser

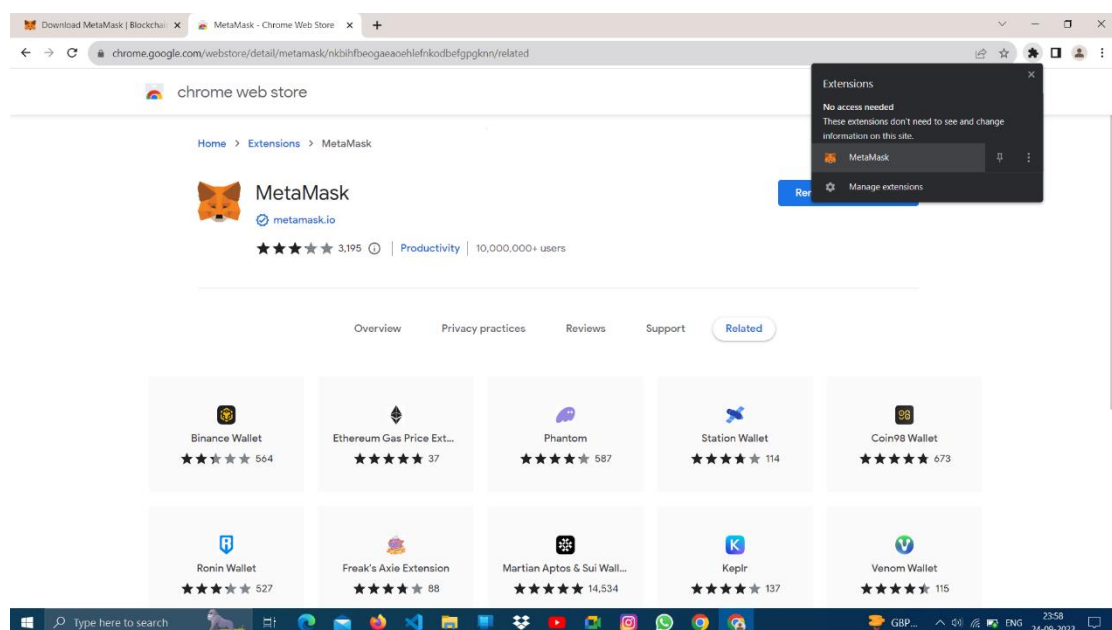**Hardware Requirements:**   1) Active internet connection
                                2) PC

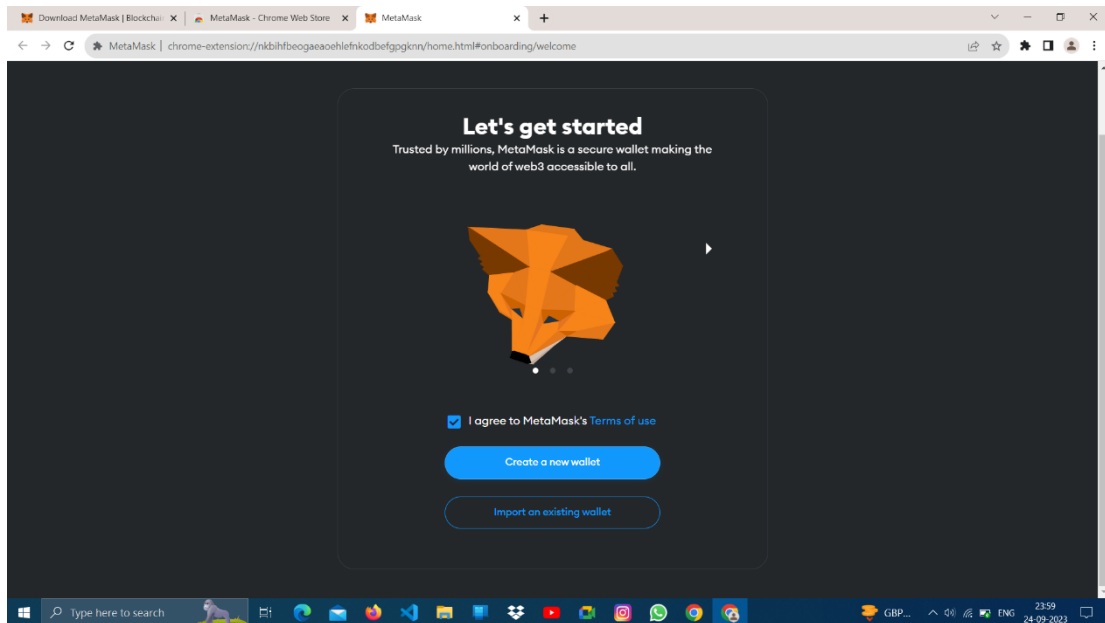**Theory:**
          Creating wallet using Metamask:

          In previous assignment we have successfully installed MetaMask extension continuing to
          that we will create a wallet using metamask.
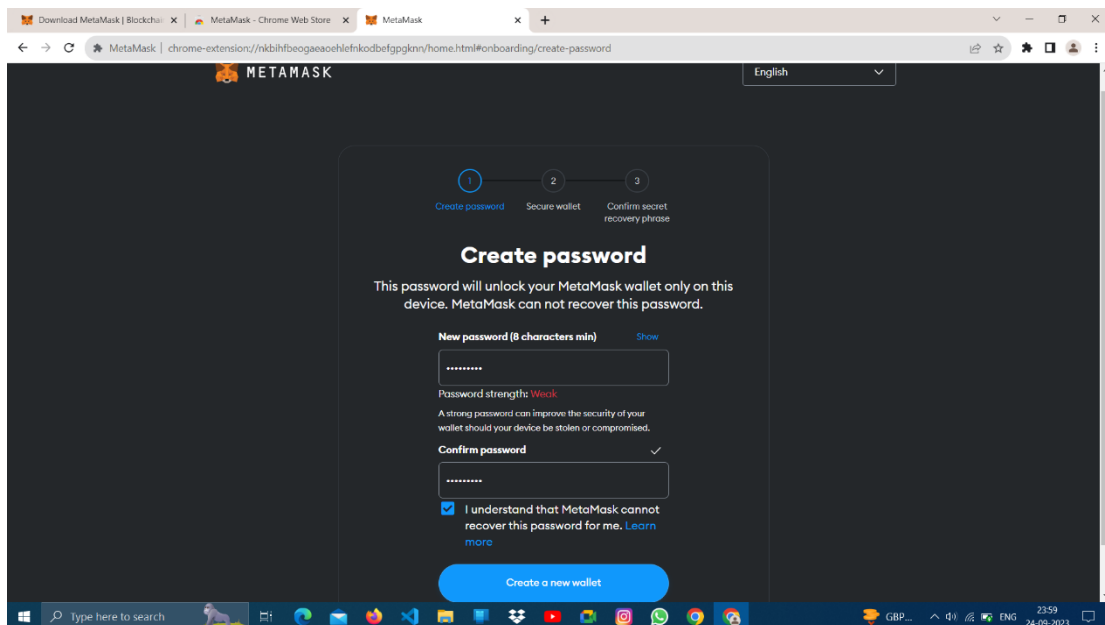
  Step 1: On the top right corner of chrome click on Extension icon and then click on Metamask
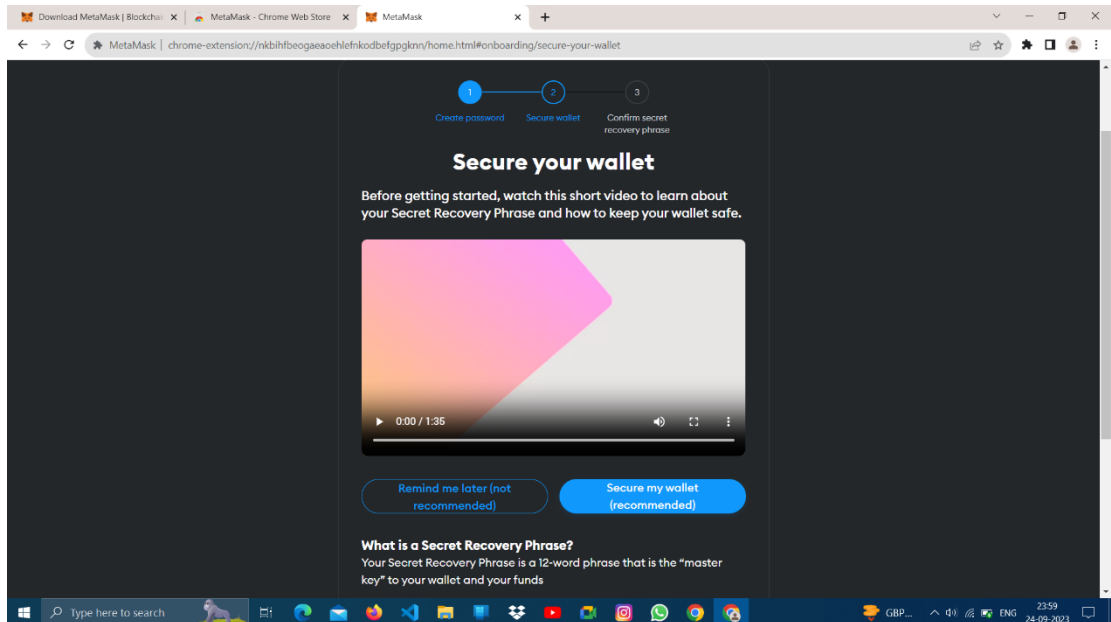
Step 2: Check I agree to MetaMask's Terms of use and click on Create a new wallet.
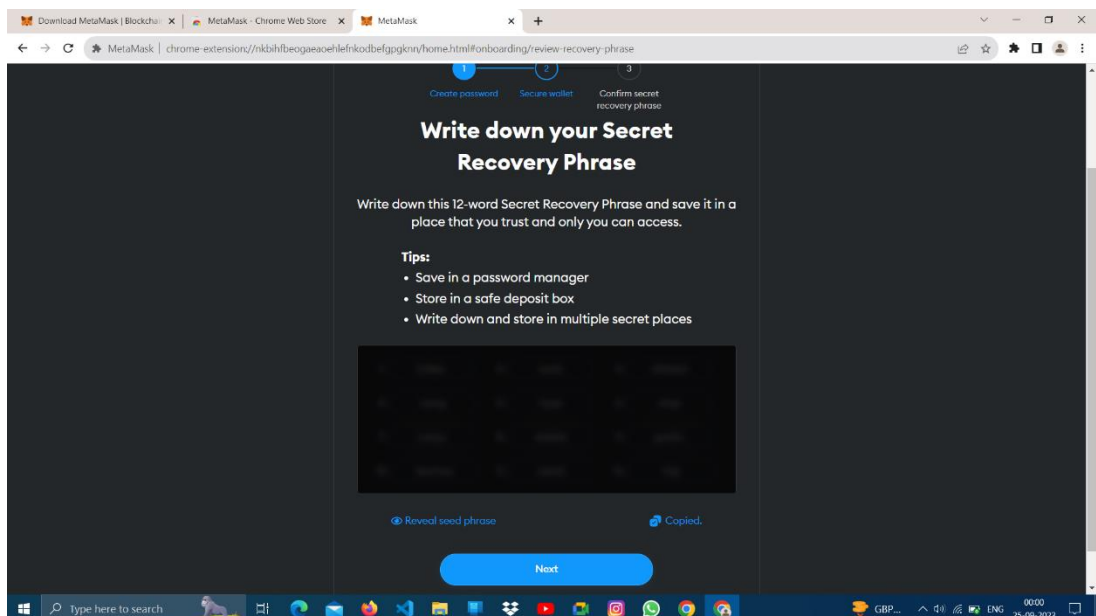

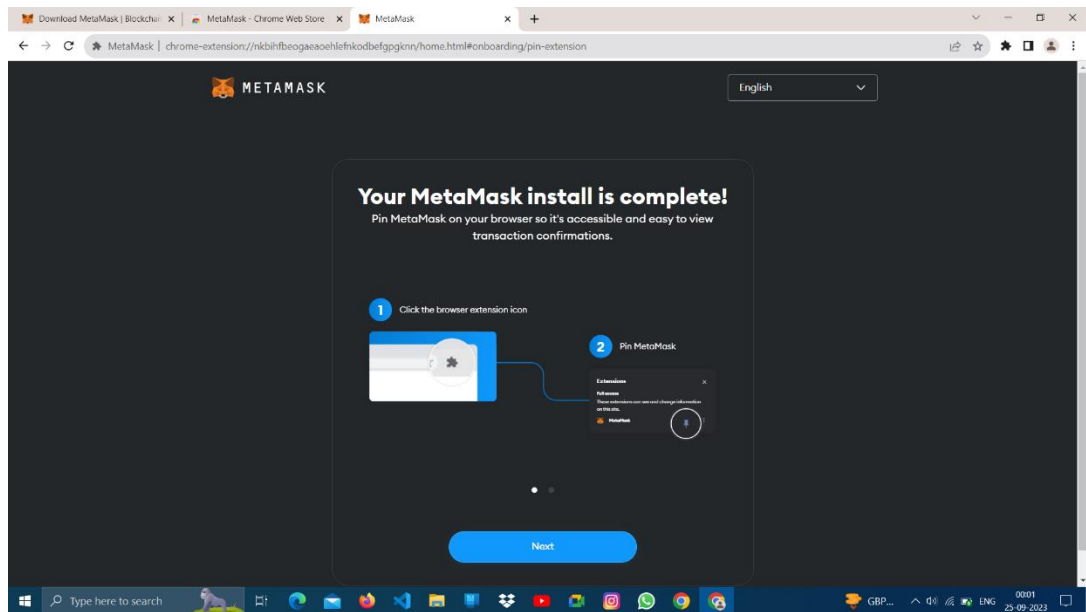Step 3: Create a password and check the checkbox and click on create a new wallet.

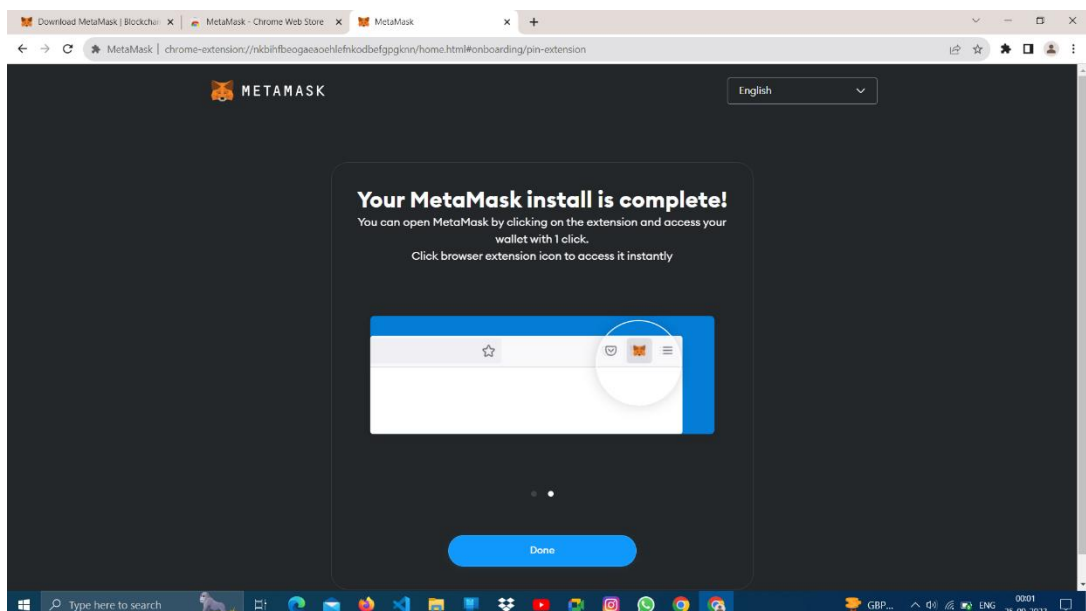Step 4: Then click on secure my wallet.

Step 5: Click on Reveal seed phrase and save it somewhere for future use follow further steps and verify your account by filling vacant seed phrase.
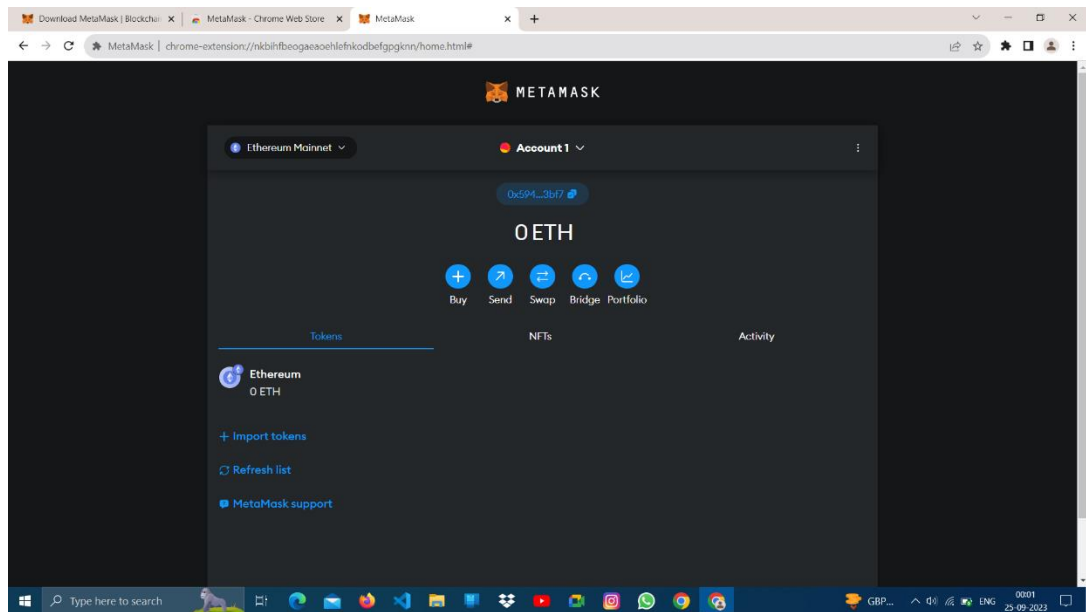
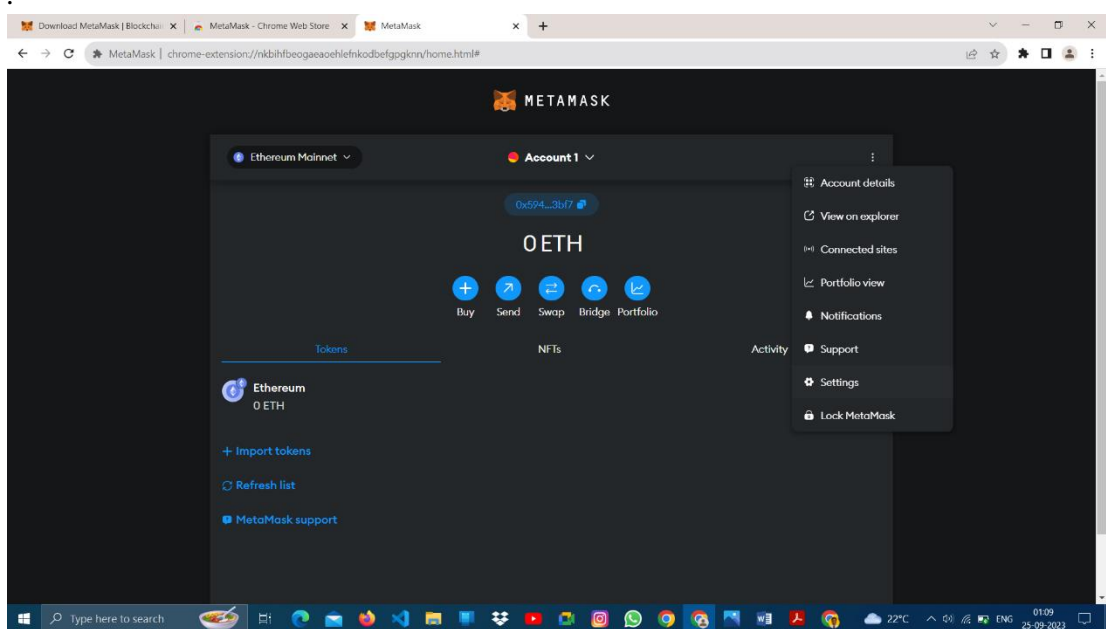Step 6: After verification you will see a window as follows.
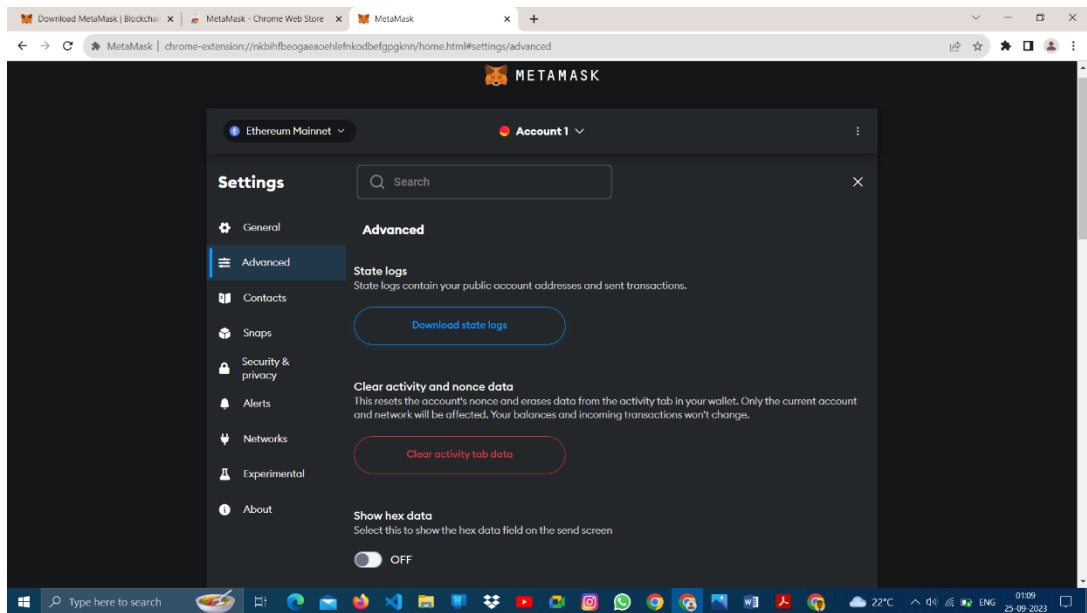

Step 7: Click on Done.

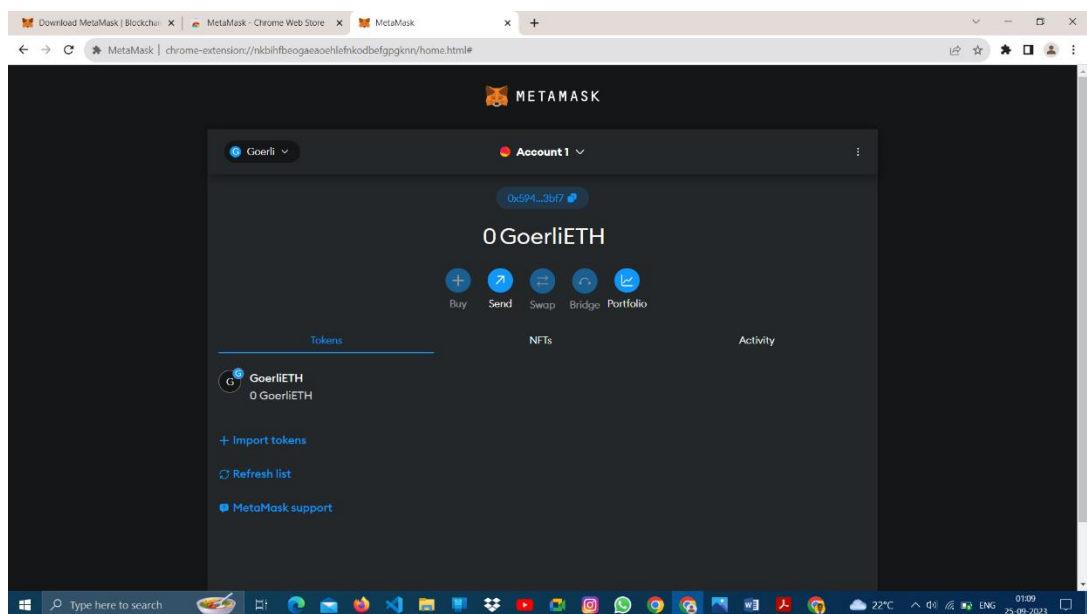Step 8: We have successfully created a new wallet using MetaMask.

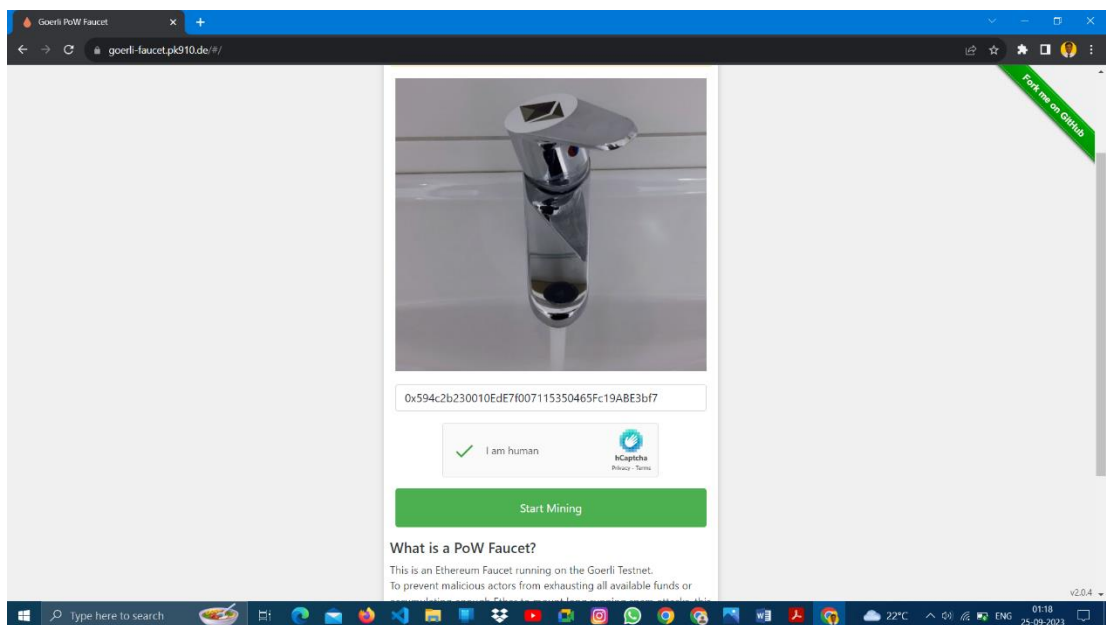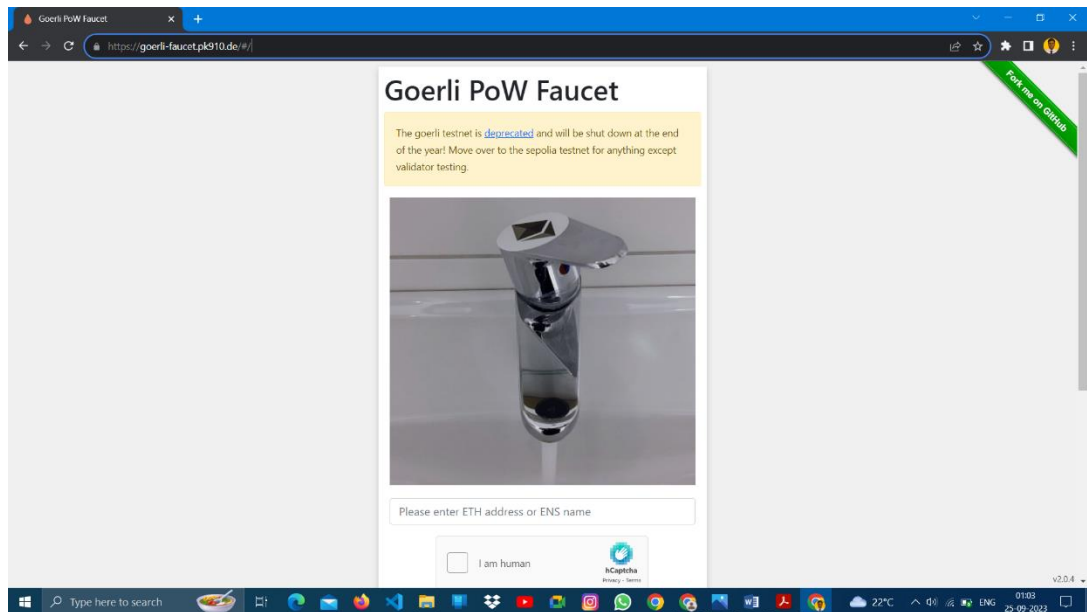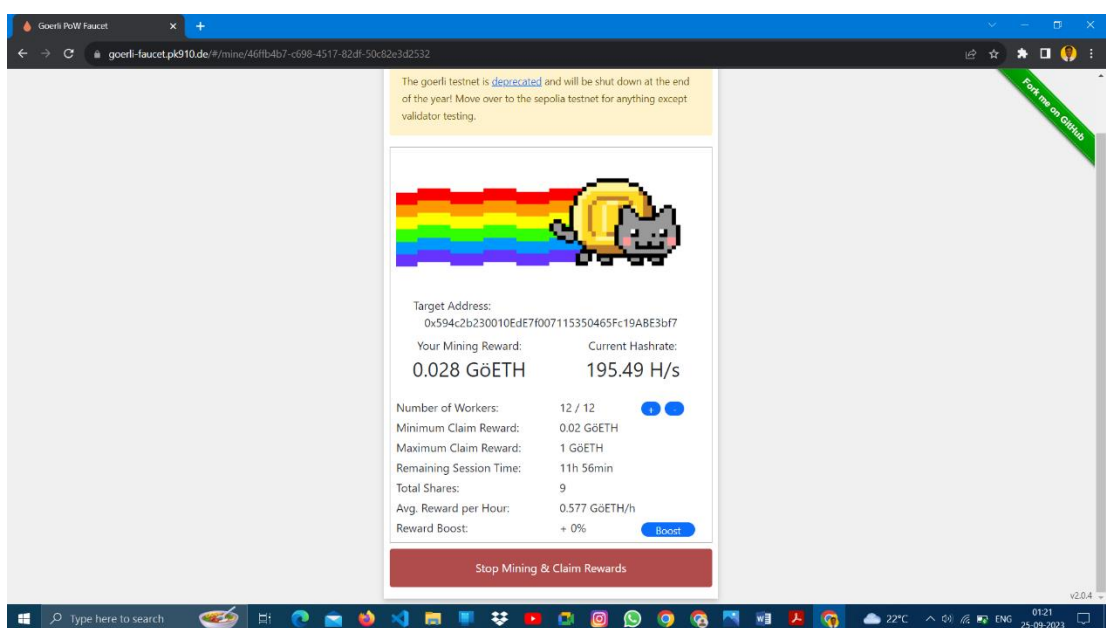Step 9: Now go to settings and click on **advance** and then turn on **show test networks**
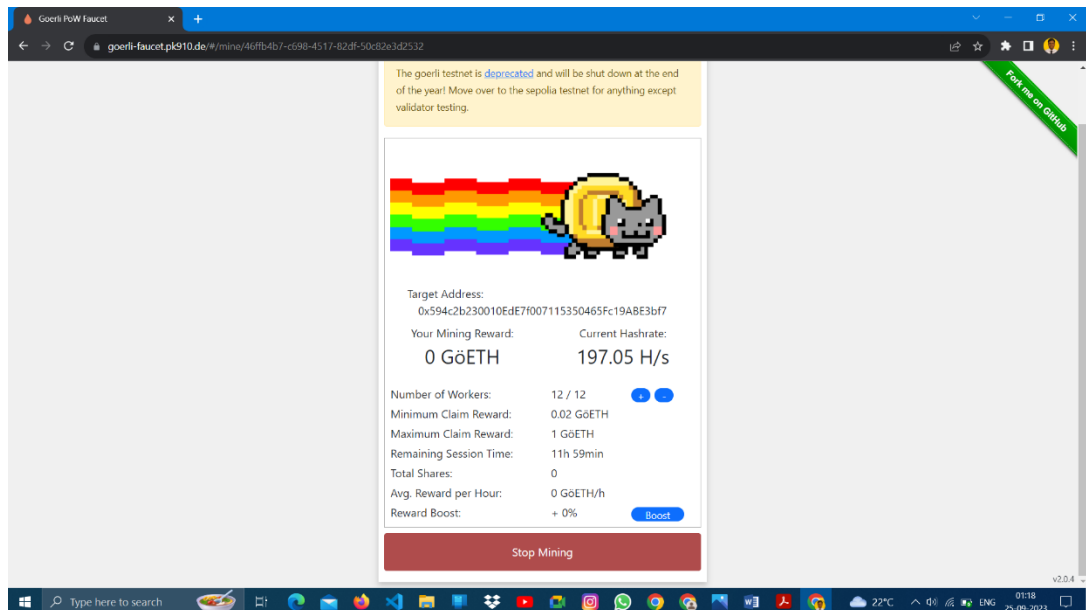
.

Step 10: Currently we are having 0 GoerliEthers, Copy wallet's public address and Go to following link https://goerli-faucet.pk910.de/#/

Step 11: Paste your public address and verify captcha by click I am human after that click on start mining.
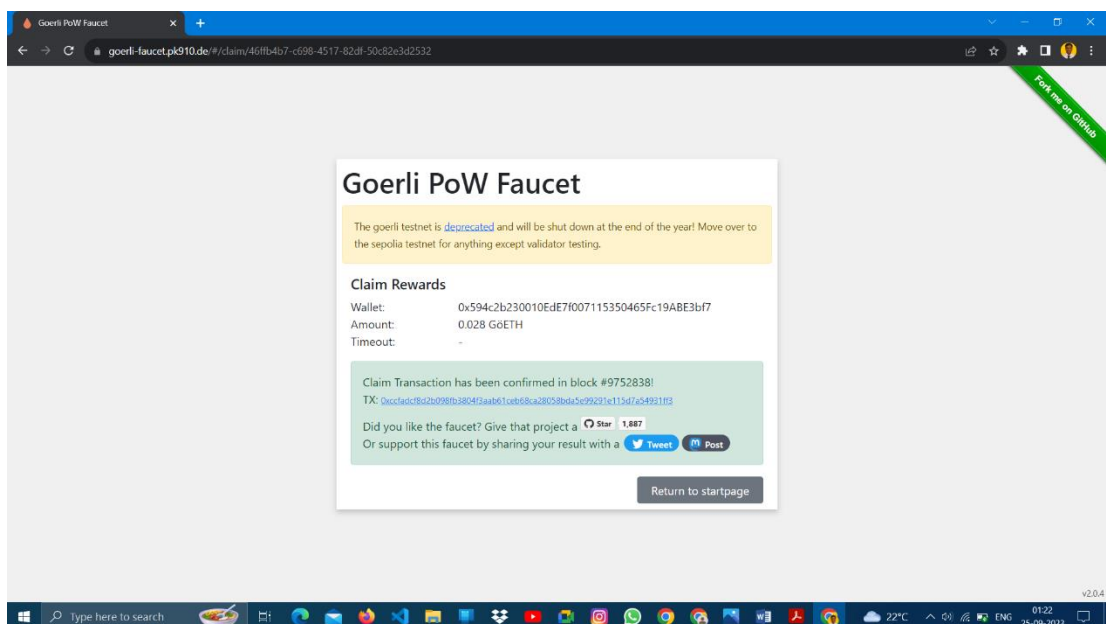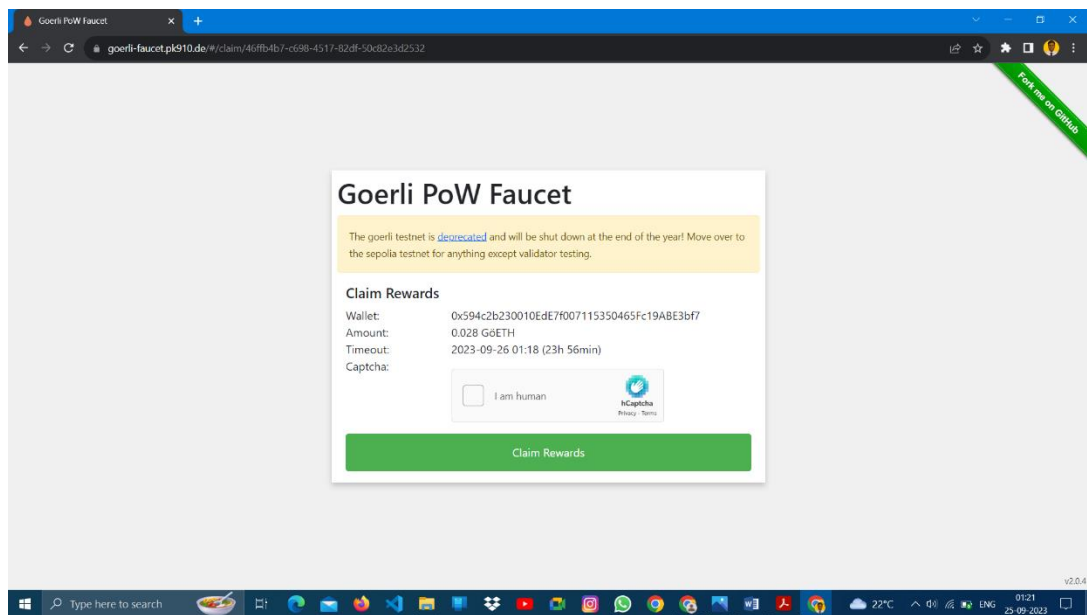
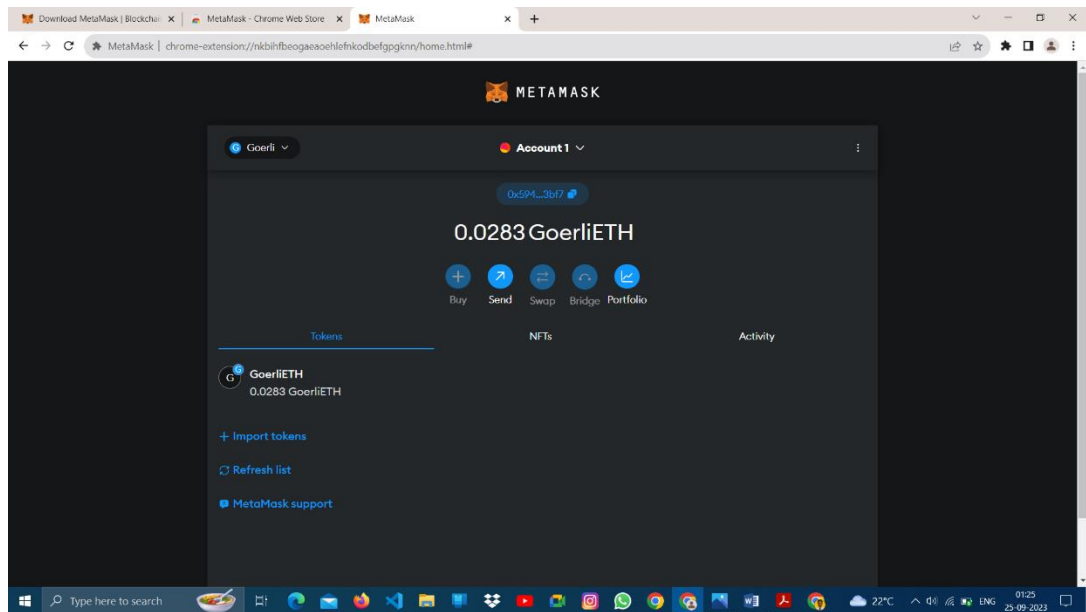**Step 12:** You will be redirected to the mining page stop the mining once you reach the threshold mining reward.
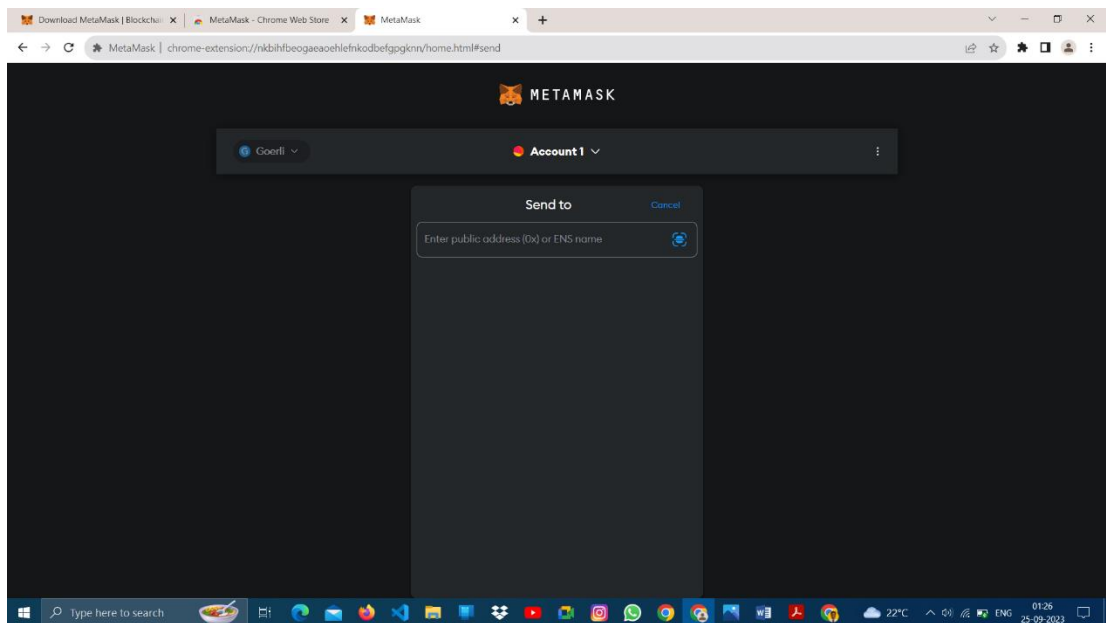
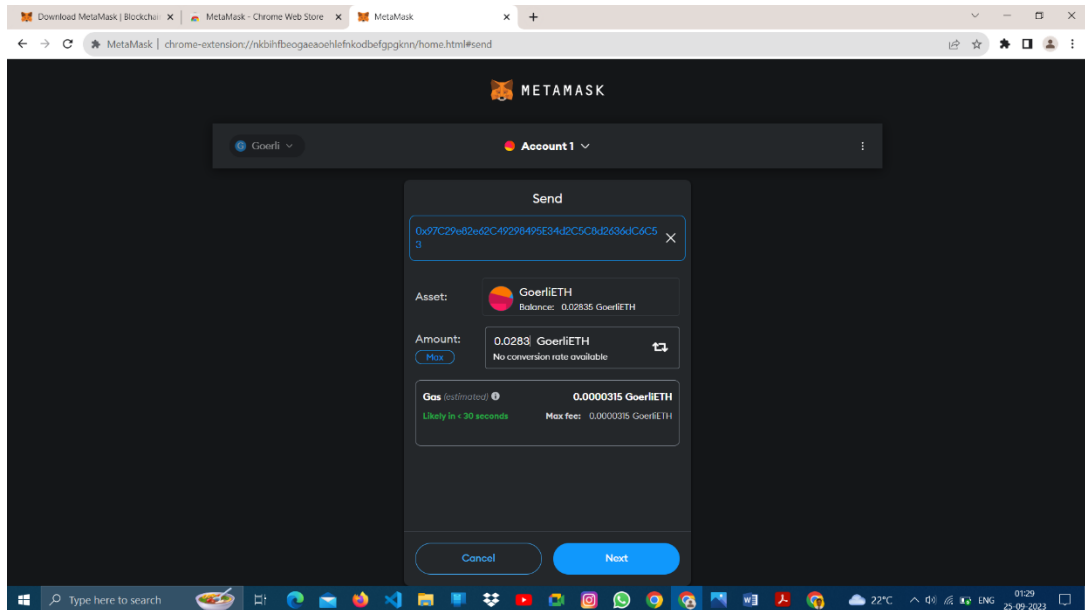Step 13: Verify the captcha and click on claim reward

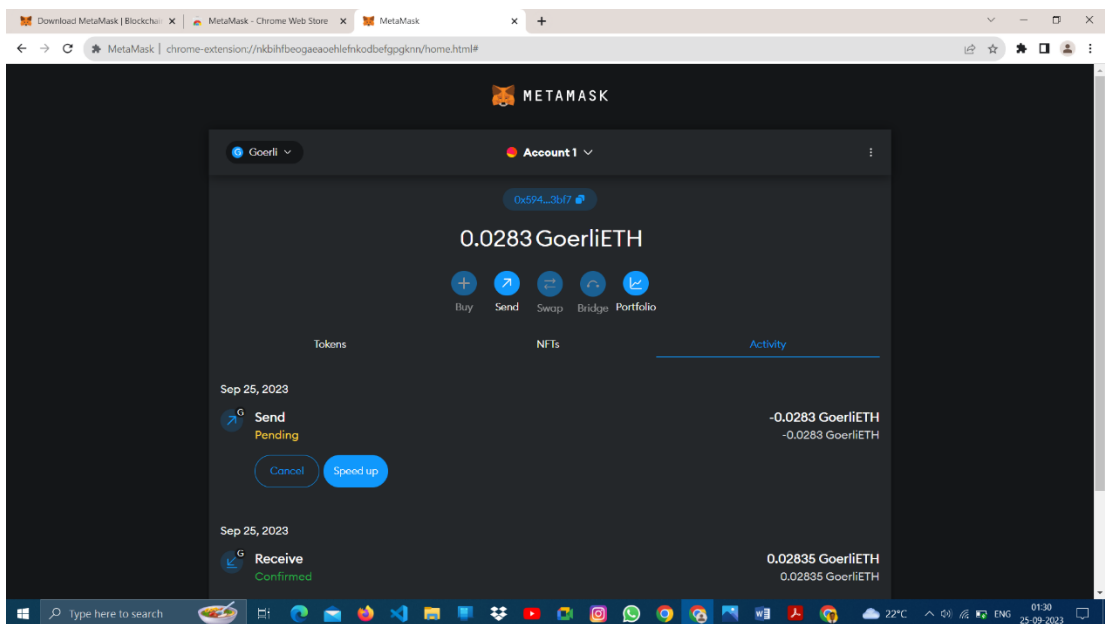Step 14: No go back to your wallet the ethers are credited your account.

Step 15: You can send this ether to anyone just click on send button and paste the public address of the receiver.
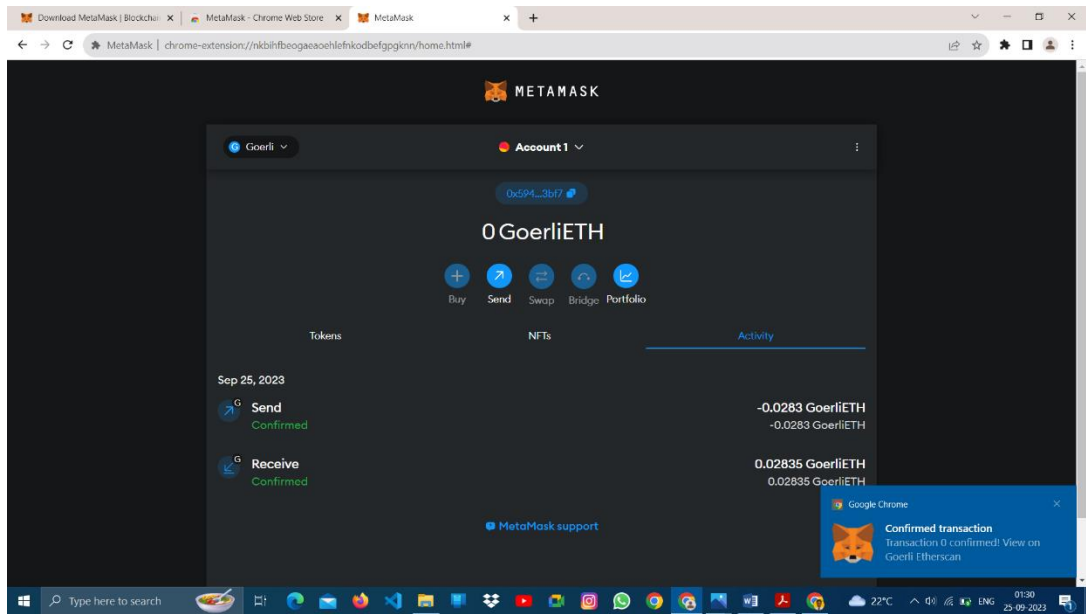
Step 16: Enter the amount which you want to send and click on next and then click confirm.
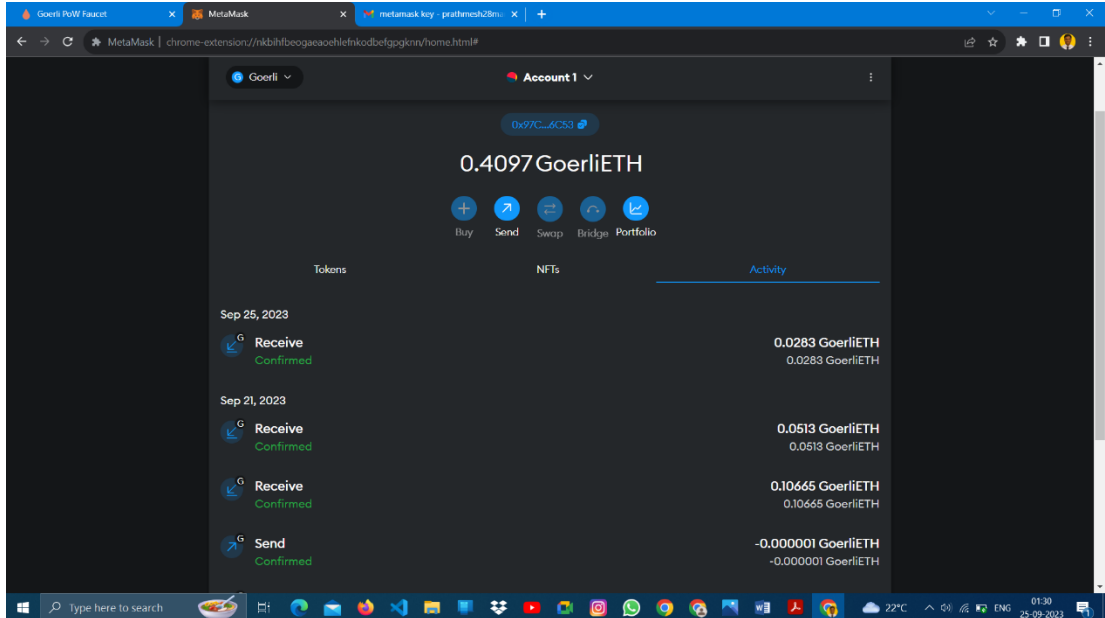

Step 17: You will see your transaction is pending after few seconds it will turn to confirmed and your account balance will get updated in this case I have transferred all ethers hence updated account will be 0 ethers.

Step 18: On receiver side you can check in activity the transaction history.

Conclusion: Thus successfully created a new wallet using metamask and performed crypto transaction within 2 wallets.