Experiment No: 2 Create your own wallet using Metamask for crypto transactions.

Objectives: Understand and explore the working of blockchain technology and its application.

Course Outcome: Interpret the basic concepts in blockchain technology and its application.
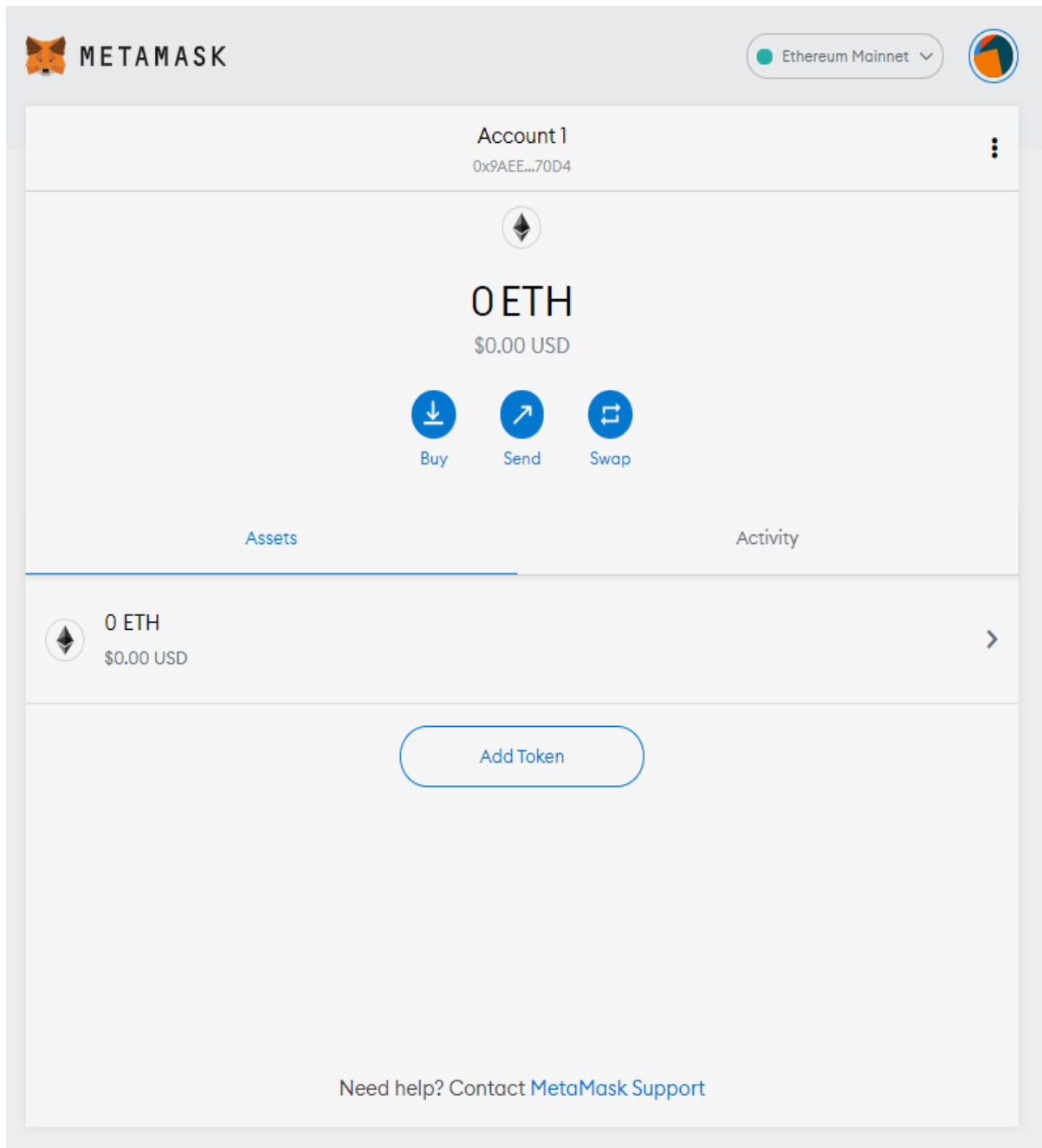
Description:

MetaMask is a free crypto wallet software that people can use to interact in the crypto world. It lets you buy, sell, and trade crypto assets for the Ethereum blockchain, much like how a real wallet lets you purchase items in the real world. It's been around since 2016. ConsenSys, the largest Ethereum development company in the world, launched it as a tool to simplify access to decentralized applications (DApps). It is possible on MetaMask to:

- Buy, receive, send, and swap Ether (ETH), the main token on Ethereum

- Buy, receive, send, and swap nonfungible tokens (NFTs) in marketplaces

- Connect to Ethereum dapps

- Connect to other crypto wallets

- Play blockchain-based games

- Access different networks such as the BNB Smart Chain and other testnets

MetaMask is free to use and can be installed as an extension on internet browsers, Google Chrome, Firefox, Brave, and Edge, or downloaded as a smartphone application both on iOS and Android. With over 30 million users, MetaMask is one of the most popular cryptocurrency wallets today.
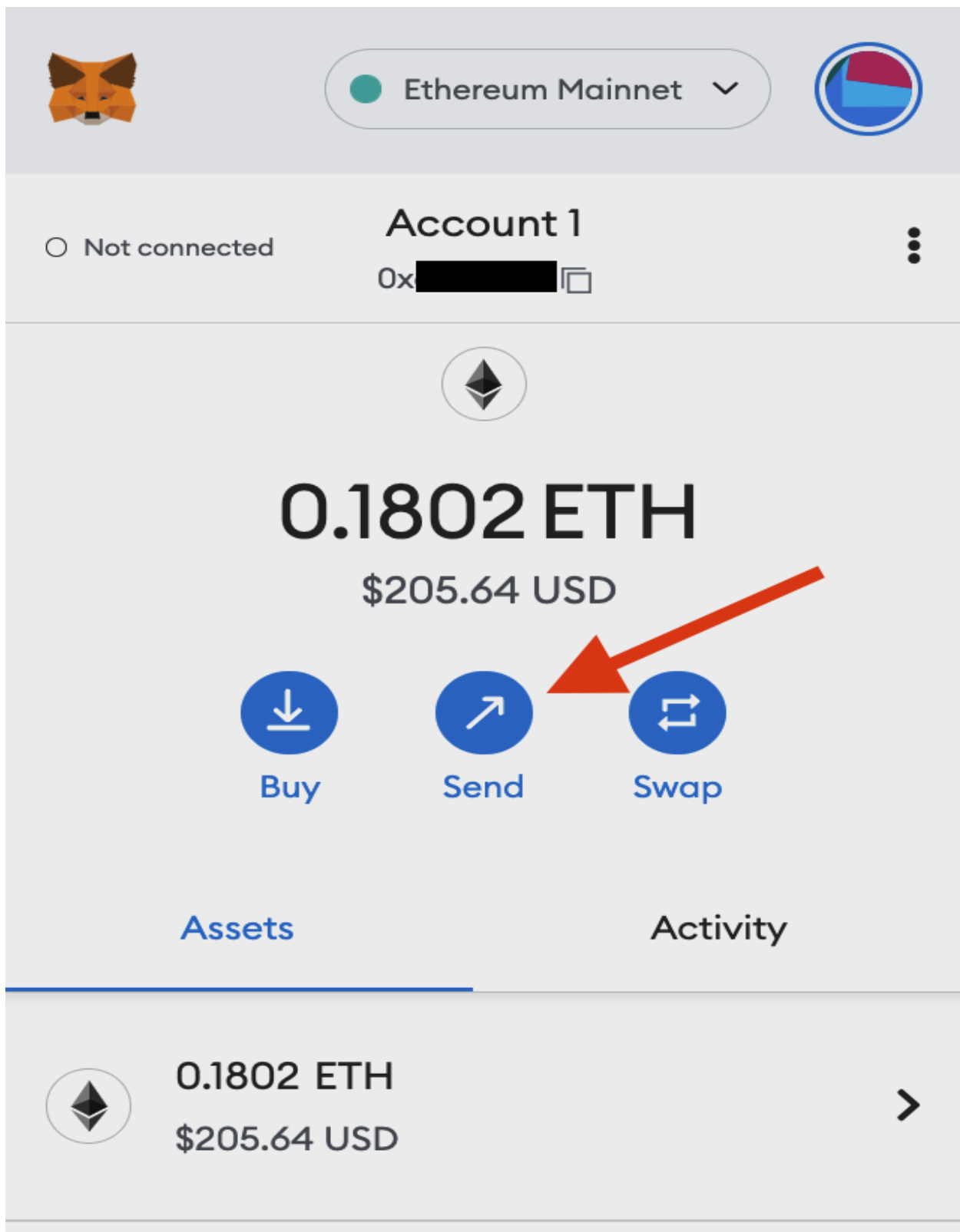
Step 1:

Login to the Metamask account and checked the account before transactions . Accopunt 01 is having 0 RopstenETH.

Step 2:

Login to the metamask account and checked the account before transactions . "account 1" account 02 is having 1 ETH . Start the transaction from the "account 1". click on send.

Step 3:

Enter the public address of "Account 1".

Step4:

Click the balance account in asset and enter the account to send the ETH. Check the details of the asset and amount. Click on the next button.

Step5:

Transaction status will shown pending for few time wait.

Conclusion: Thus we have successfully completed Creation of wallet using Metamask for crypto transactions.