

**Introduction and Importance:**

- Creating a crypto token to share and learn.
- Understand blockchain concepts for future prospects.

**Learning Objectives:**

- Learn Ethereum platform.
- Create a crypto token.
- Understand Solidity language.

**Prerequisites:**

- None, this guide covers everything.

**Outline of the Course:**

1. Create accounts and an endpoint.
2. Code in Solidity.
3. Deploy and receive the tokens.

**What to Prepare:**

- Install Metamask extension.
- Open quicknode.com.
- Open remix.ethereum.org.

**Key Terms:**

- MetaMask: Virtual wallet for storing tokens.
- Quicknode: Connect Metamask to Ethereum.
- Endpoint: Connection point to blockchain network.
- Solidity: Programming language for smart contracts.
- ERC-20: Token standard for Ethereum.
- Testnet: Virtual coins without real-world value.
- Save MetaMask 12 phrases securely.

**Creating an Endpoint with Quicknode:**

1. Go to quicknode.com, create an account.
2. Create Ethereum Sepolia endpoint.
3. Copy HTTP link.

**Getting Free ETH:**

1. Go to sepoliafaucet.com.
2. Paste MetaMask address.
3. Follow instructions for free tokens.

**Coding & Creation:**

1. Go to remix.ethereum.org.

2. Create MyToken.sol file.
3. Add code for MyToken contract.
4. Use Solidity compiler.
5. Deploy with MetaMask.

### **Verifying Token Existence:**

1. Copy deployed contract address.
2. Go to [sepolia.etherscan.io](https://sepolia.etherscan.io), paste address.

### **Personalizing Options:**

- Experiment with different blockchains.
- Create multiple coins for occasions.
- Try different settings.

### **Sharing Tokens:**

1. Repeat steps 13-17 for the receiver.
2. Rename network name and add Quicknode link.
3. Use MetaMask to send tokens.

### **Tips & Bonus:**

- Ensure correct addresses.
- Experiment with code/settings.
- Research before trying new blockchains.

### **Additional Resources:**

- [metaschool.so](https://metaschool.so) for courses on Web 3.0.
- [ethereum.org/en/](https://ethereum.org/en/) to learn about Ethereum.
- Make a blockchain with Python (provide link).

### **Stuck or Need Help?**

- Contact @Briyan Dyju on slack.