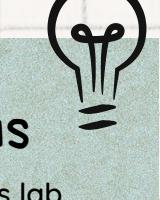


FOUNDATION LABS FOR

Blockchain club

**LAB INSTRUCTIONS**

How to use/access this lab
(register form, documents,
hotline)

01**CREATE YOUR WALLETS**

- Create your own wallet and how to keep it secure
- How to work with preprod/ preview/ mainnet and get tada for your wallet

02**BUILD YOUR OWN NODE**

- Build node from source code
- Config and run a relay server
- Config and run a Block Producer server

03**WORKING WITH CLI**

- Querying the Cardano Blockchain
- Create simple transaction with cli
- Create a token using cli
- Create a NFT using cli

04**LUCID**

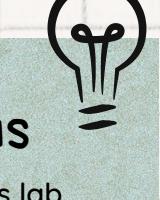
- Build your first transaction
- Mint and burn native tokens.
- Delegate to a stake pool
- Interact with smart contracts

05**MESH**

- Start a Web3 app on Next.js
- Working with App wallet/ Browser wallet
- Send Multiple Assets to Addresses
- Minting/Burning Transactions

ADVANCED LABS FOR

Blockchain club



LAB INSTRUCTIONS

How to use/access this lab
(register form, documents,
hotline)

01

ADVANCED LUCID LAB

- Parameterized validators
- Message Signing
- Multi validator interactions

02

ADVANCED MESH LAB

- Message Signing
- Inline Datums
- Reference inputs

03

AIKEN

- **Working with Hello world contract**
writing a basic validator
Troubleshooting smart contract
- **Working with Vesting contract**
Type-aliases, pattern-matches
Managing time on-chain

04

ADVANCED AIKEN

- Writing mint and spent
validator
- Parameterizing validators
- Using Deno fresh