NextGen Hackathon Quiz

39 responses
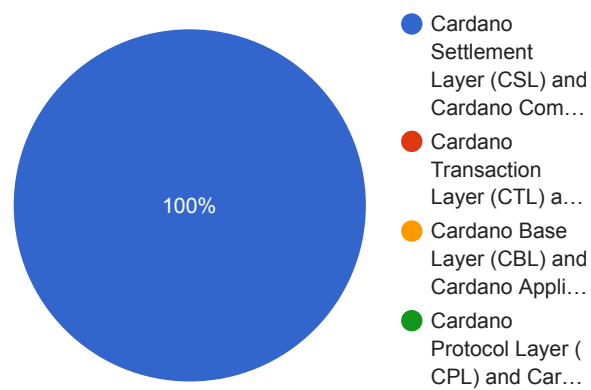
Question 1: Cardano Architecture

Copy

What are the two main layers of Cardano's blockchain architecture?

39 responses

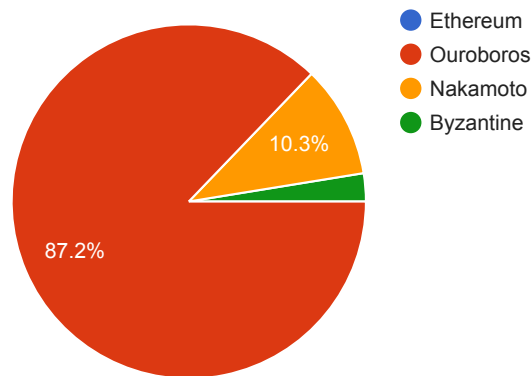- Cardano Settlement Layer (CSL) and Cardano Com…
- Cardano Transaction Layer (CTL) a…
- Cardano Base Layer (CBL) and Cardano Appli…
- Cardano Protocol Layer (CPL) and Car…

100%

Question 2: Consensus Mechanism

What is the name of Cardano's proof-of-stake consensus mechanism?

39 responses

Legend:
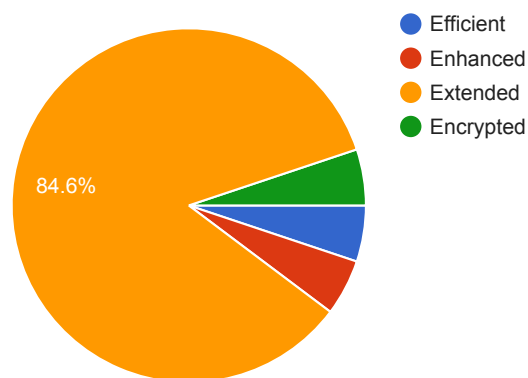- Ethereum
- Ouroboros
- Nakamoto
- Byzantine

10.3%

87.2%

Question 3: eUTXO Model

In the Cardano eUTXO model, what does the "e" in eUTXO stand for?

39 responses

Legend:
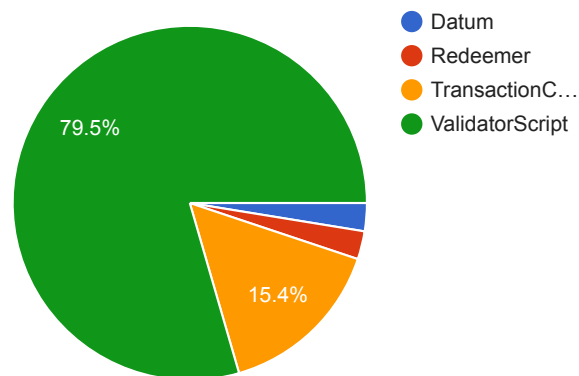- Efficient
- Enhanced
- Extended
- Encrypted

84.6%

Question 4: Smart Contract Components

Which of the following is NOT one of the three important parameters of Cardano smart contracts mentioned in the module?
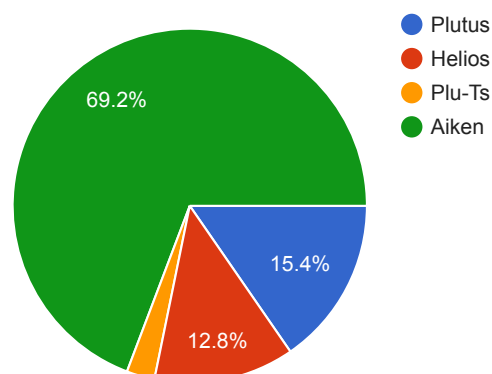
39 responses

- Datum
- Redeemer
- TransactionC…
- ValidatorScript

79.5%

15.4%

Question 5: Development Languages

Which programming language is described as "a modern, ergonomic DSL optimized for Cardano smart contract development" that will be the focus of this course?
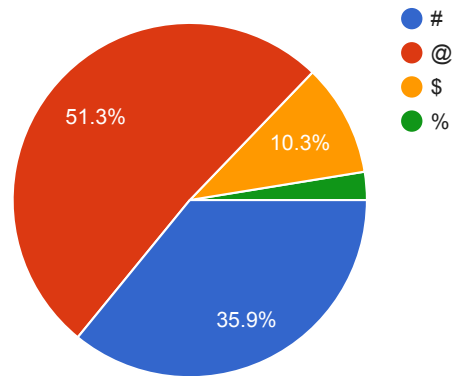
39 responses

- Plutus
- Helios
- Plu-Ts
- Aiken

69.2%

15.4%

12.8%

Question 6: Aiken String Usage

What prefix is used to create text strings in Aiken?

39 responses
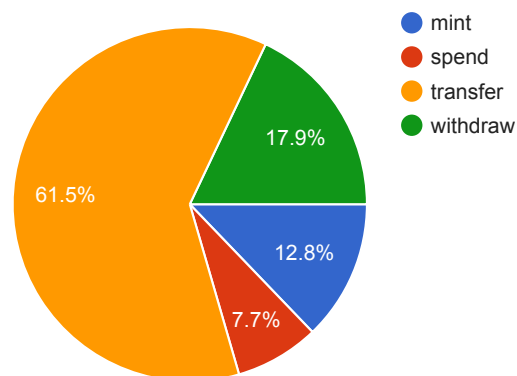
- # (51.3% red? blue)
- @
- $
- %

51.3%
10.3%
35.9%

Question 7: Validator Handlers

Which of the following is NOT a valid Cardano validator handler purpose mentioned in the course?
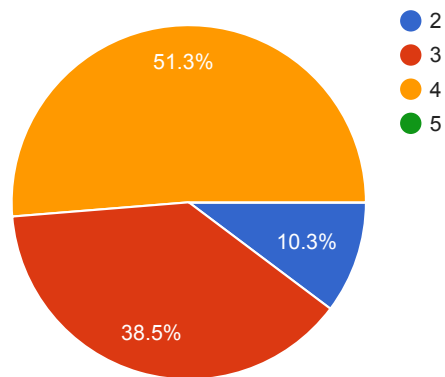
39 responses

- mint
- spend
- transfer
- withdraw

17.9%
61.5%
12.8%
7.7%

Question 8: Spend Handler Parameters

How many parameters does the spend handler accept in Aiken?
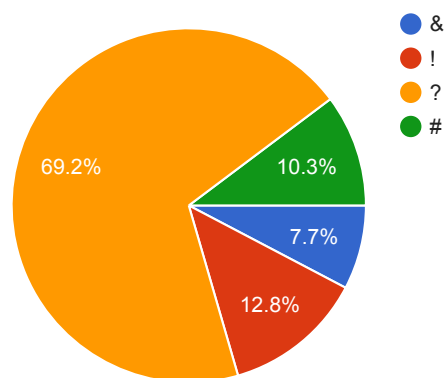
39 responses

- 2
- 3
- 4
- 5

51.3%
10.3%
38.5%

Question 9: Debugging Operator

What is the name of Aiken's "trace-if-false" operator used for debugging?
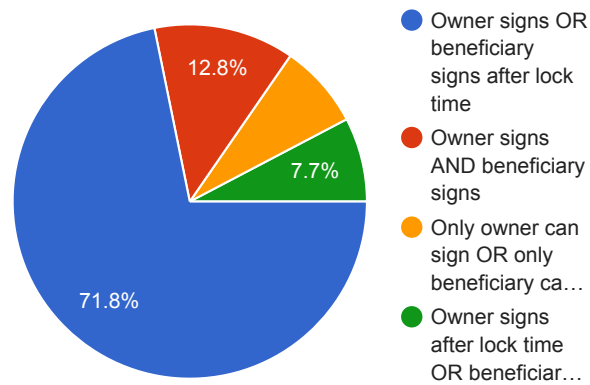
39 responses

- &
- !
- ?
- #

69.2%
10.3%
7.7%
12.8%

Question 10: Vesting Contract Logic

In the vesting contract example, what are the two ways a UTxO can be spent?

39 responses

- Owner signs OR beneficiary signs after lock time
- Owner signs AND beneficiary signs
- Only owner can sign OR only beneficiary ca…
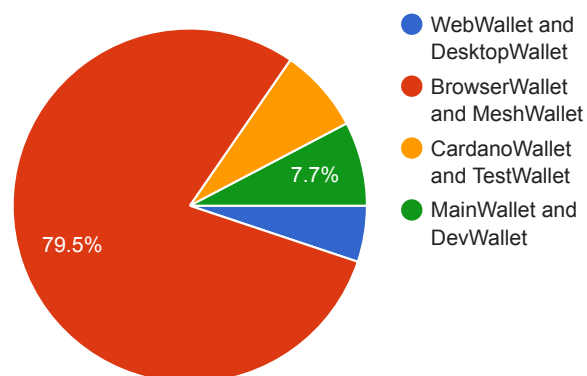- Owner signs after lock time OR beneficiar…

12.8%
7.7%
71.8%

Question 11: Mesh JS Wallet Integration

What are the two wallet APIs provided by Mesh JS for interacting with wallets?

39 responses

- WebWallet and DesktopWallet
- BrowserWallet and MeshWallet
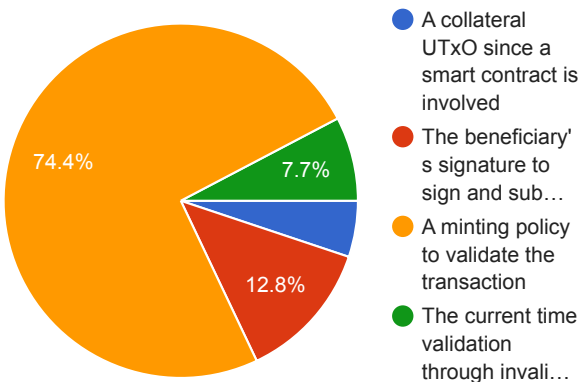- CardanoWallet and TestWallet
- MainWallet and DevWallet

7.7%
79.5%

Question 12: Smart Contract Transaction Requirements

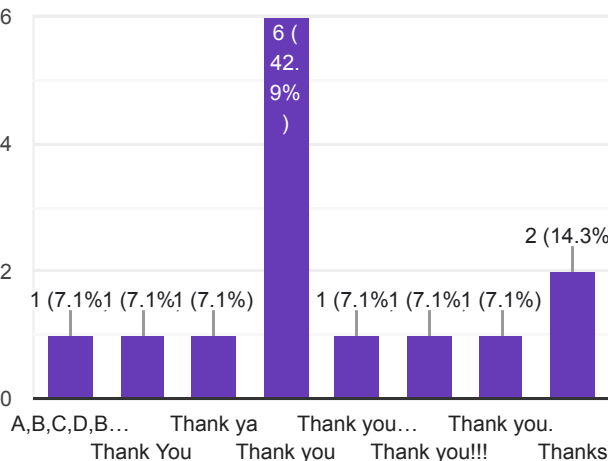When creating an unlocking transaction for a vesting contract in Mesh JS, which of the following is NOT required?

39 responses

- A collateral UTxO since a smart contract is involved
- The beneficiary's signature to sign and sub…
- A minting policy to validate the transaction
- The current time validation through invali…

Good luck!

14 responses

Google Forms