

The background of the entire image is a dark gray grid of small, semi-transparent video call thumbnails. Each thumbnail shows a different person, mostly men, in various settings, suggesting a large group of participants in a bootcamp. Some thumbnails have a small white 'x' mark in the top right corner, indicating a missing video feed.

encode
CLUB

Algorand Bootcamp

The background is a dark gray grid of small, semi-transparent video call thumbnails. Each thumbnail shows a different person, mostly men, in various settings. Some thumbnails have a small white 'x' in the top right corner, indicating a video feed that is muted or has been closed. The overall effect is a sense of a large, active online session.

**Any questions from
previous session?**

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**Any issues with the
coding assignment?**

Recap

- Asset Information
- App Information
- Indexer
- Smart Contract Testing (one of the few methods to do it)

Today

- Frontend
- Final Project Requirements

Final Project

1. Teams already assigned. Check Discord for groups.
2. Build your own use-case with the following requirements:
 - a. **MUST** use Algorand Smart Contracts
 - b. Smart contracts **MUST** be written in PyTeal
 - c. **MUST** deploy contract on **TESTNET**
 - d. **MAY** use Algorand Standard Assets
 - e. **BONUS:** build Frontend to interact with application
 - f. **BONUS:** integrate at least one wallet (Pera, Algosigner, MyAlgo)
3. Starting Wednesday through Saturday, teams **MAY** book consultation calls with me to discuss any difficulties with the final project or the bootcamp in general (optional)

Submission:

1. Github repository with:
 - a. Smart contract
 - b. Documentation (README file)
 - i. What the project is about
 - ii. Who all worked on it
 - iii. What is the status of the project when submitting it
 - iv. What have you learned from this project
 - v. What challenges did you encounter when working on the project
 - vi. How did you overcome the challenges
 - c. (Optional) Frontend code

Frontend

- Framework: React JS
- Wallet integrations: Pera, MyAlgo, AlgoSigner

Coding

Resources

1. Testnet Funds Dispenser: [Link](#)
2. AlgoNode APIs: [Link](#)
3. PyTeal Docs: [Link](#)
4. Algorand Developer Portal: [Link](#)

Thank You

Email: hi@lalithmedury.com

Twitter: [@LalithMedury](https://twitter.com/LalithMedury)

Web: <https://lalithmedury.com>

Email: info@encode.club

Twitter: [@encodeclub](https://twitter.com/encodeclub)

Web: <https://encode.club>