+27 73 182 0631 ✉ admin@coxygen.co, info@coxygen.co

| Basic Information | Enrollment Form | Enrolled Students | Onchain Credentials | Haskell Practical Tasks | Haskell Plutus Quizzes | Github | Help | Telegram | Twitter | Discord | Universities/Colleges | Videos | Send Message |

NOTE : Onchain feature only works on desktop browsers NOT mobile browsers!

**Coxygen Global Universities Colleges**
**Haskell Plutus**

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✓ Supply Chain Management
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✓ Intellectual Property
✓ Agriculture
✓ Logistics & Communication

**Plutus Core Pillars**
✓ Security & Efficient
✓ Concurrence & flexibility
✓ Scalability
✓ Deterministic
✓ Formal Verification
✓ Research based

**Why Universities Colleges?**
✓ Innovation platform
✓ Catalyst Funding
✓ Career growth
✓ Industry Attachments
✓ Hands on learning
✓ Open Source skills

The Coxygen Global Universities Colleges Haskell Plutus is a game changer for Cardano. Students and the world. It is the foundation of innovation. Join now without delay.

**Physical Address**

7 Gold Reef Road

Omonde, 2190

Johannesburg South

**Office Directions**

7 Gold Reef Rd
7 Gold Reef Rd, Ormonde, Johannesburg South, 2091
View larger map

At Coxygen Global Universities, we offer specialized training in **Haskell** and **Plutus**, the foundational languages for smart contract development on the Cardano blockchain. Through structured programs, hands-on projects, and expert instruction, students develop the practical skills needed to build secure decentralized applications.



As a proud **partner of EBU**, Coxygen Global Universities aligns its curriculum with international standards and best practices, offering students globally recognized certification and access to a broader blockchain education network.MAY 2025 REPORT

# JUNE REPORT

**AUTHOR: EZE ONYINYECHI Facilitator at G015, Nigeria Haskell Plutus Groups… Haskell Plutus Developer at Wims Cardano…**

TABLE OF CONTENT

# COXYGEN HASKELL PLUTUS GROUP 15

## Onchain Credentials:

**1. On the 26th June, 2025, Damilola Ibrahim did her Onchain credentials**

| No | Task Code | Task Title |
|----|-----------|------------|
| 1 | HC11102120250626 | HC1-1. Haskell Chapter 1 Practical Tasks |
| 2 | HC51102120250626 | HC5-5. Haskell Chapter 5 Practical Tasks: Improving-and-combining-functions |
| 3 | HC41102120250626 | HC4-4. Haskell Chapter 4 Practical Tasks - Pattern Matching in Functions |
| 4 | HC31102120250626 | HC3-3. Haskell Chapter 3 Conditions-and-helper-constructions |
| 5 | HC21102120250626 | HC2-2. Haskell Chapter 2 Practical Tasks - Data types, Signatures and Polymorphism |

## Alase Al-Ameer did his Onchain Credentials
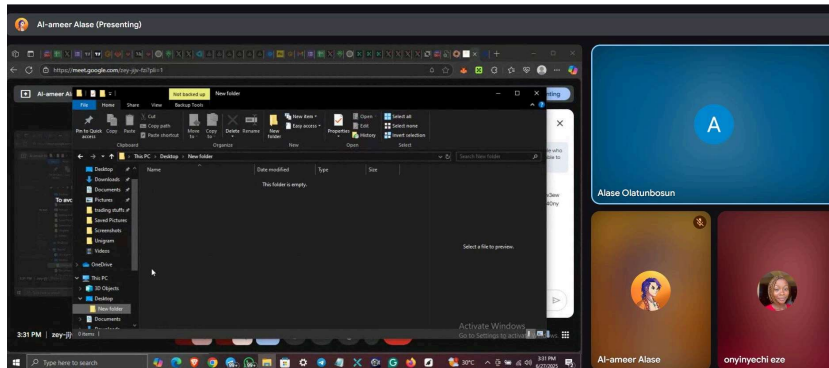


## LIVE SESSION WITH G-015 STUDENTS: 27th June, 2025
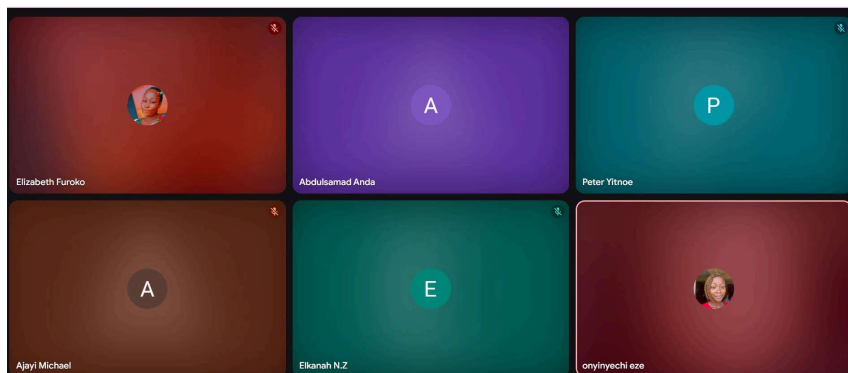


We started with Introduction to Haskell Programming Language, What are Functions, Examples of Haskell Codes, Job Opportunities

🕐 Time: 8–9PM (Nigerian Time) | 9-10 PM (SAT)

🔗 Join us via the link below every FRIDAYS and SUNDAYS:

https://meet.google.com/bwd-cnty-ump

# LIVE SESSION WITH G-015 STUDENTS: 27th June, 2025

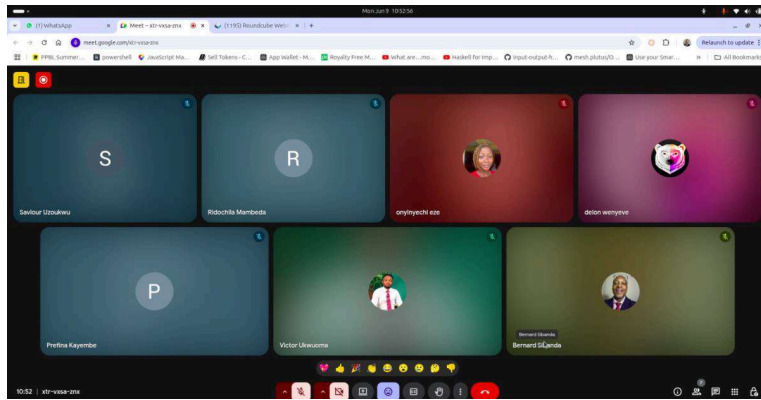We discussed Haskell Function Composition, Pure Functions and Real live coding sessions.
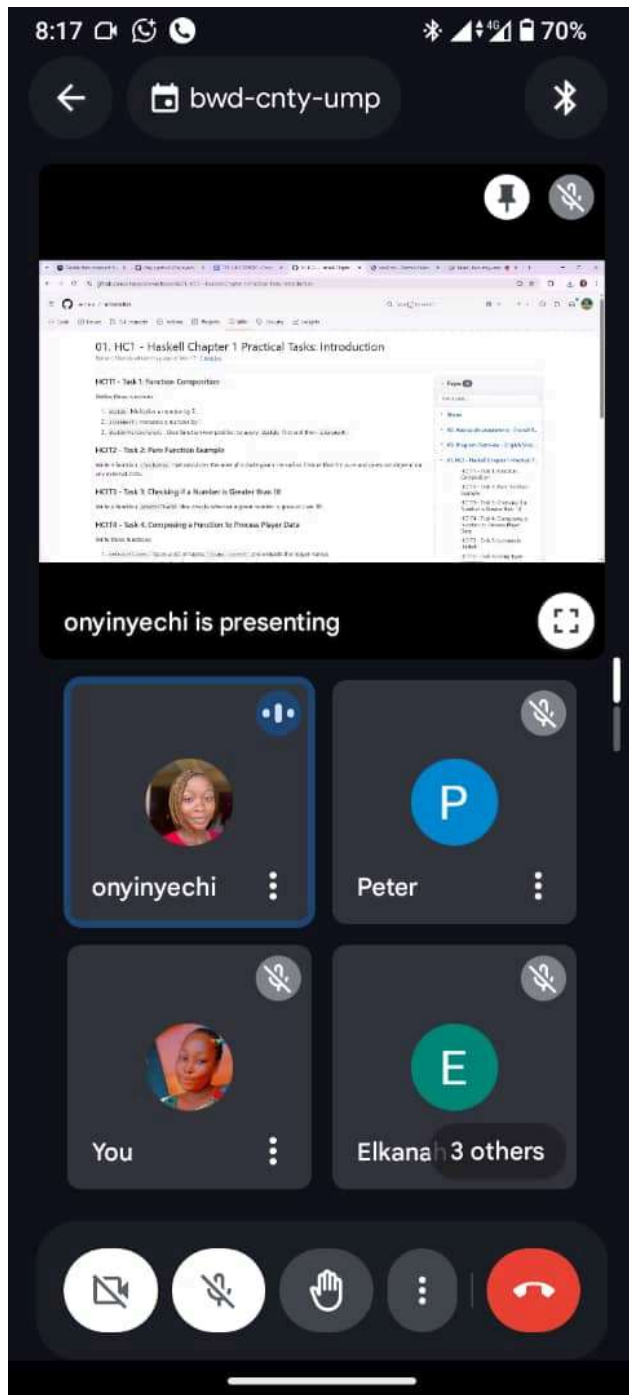


🕐 Time: 8–9PM (Nigerian Time) | 9-10 PM (SAT)

◎ Join us via the link below every FRIDAYS and SUNDAYS:

https://meet.google.com/bwd-cnty-ump

# MEETING WITH MR BERNARD AND THE FACILITATORS ON 9th June, 2025



🕐 Time: 9;30–2:00PM (Nigerian Time) | 10:30-3:00 PM (SAT)

🔗 Join us via the link below every FRIDAYS and SUNDAYS:

https://meet.google.com/xtr-vxsa-znx

# MEETING WITH MR BERNARD AND THE FACILITATORS ON 18th June, 2025
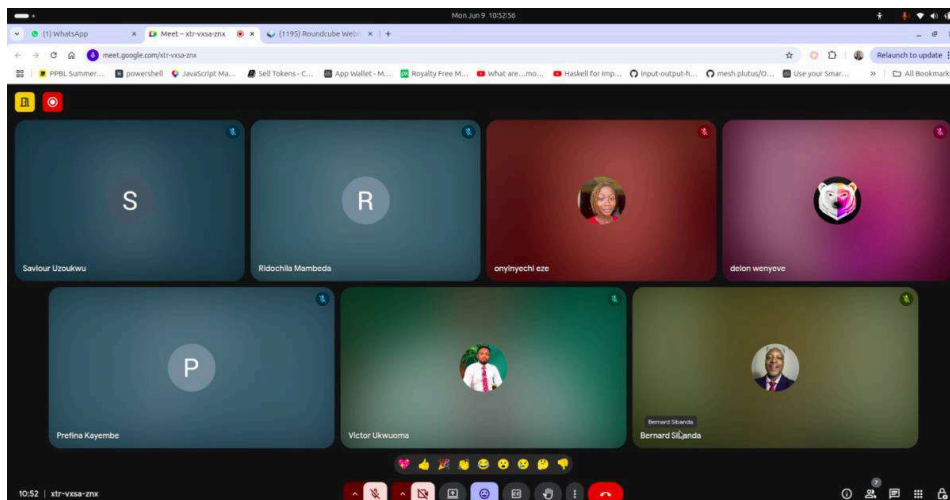


🕐 Time: 9;30–2:00PM (Nigerian Time) | 10:30-3:00 PM (SAT)

🔗 Join us via the link below every FRIDAYS and SUNDAYS:

https://meet.google.com/xtr-vxsa-znx

# MR BERNARD AND THE FACILITATORS ON 23rd June, 2025
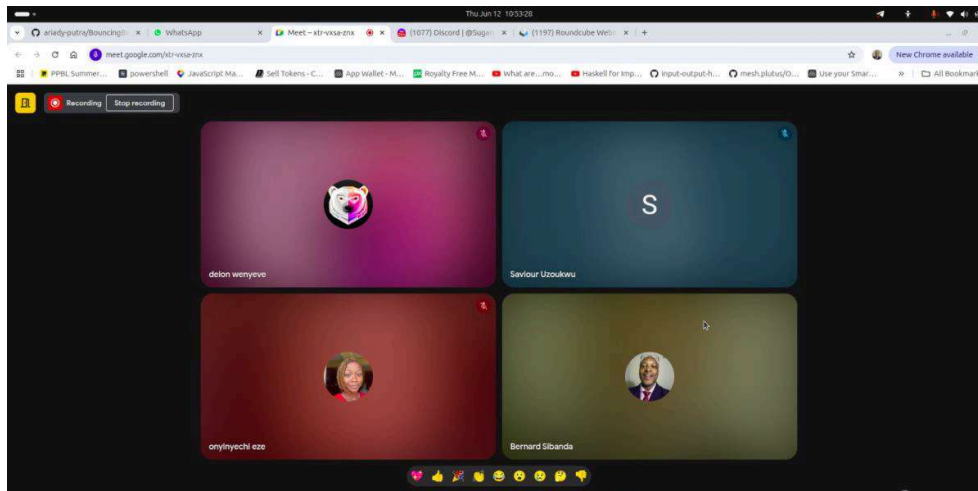


🕐 Time: 9;30–2:00PM (Nigerian Time) | 10:30-3:00 PM (SAT)

🔗 Join us via the link below every FRIDAYS and SUNDAYS:

https://meet.google.com/xtr-vxsa-znx

# LIVE SESSION WITH MR SAVIOUR AND STUDENT DEVELOPERS
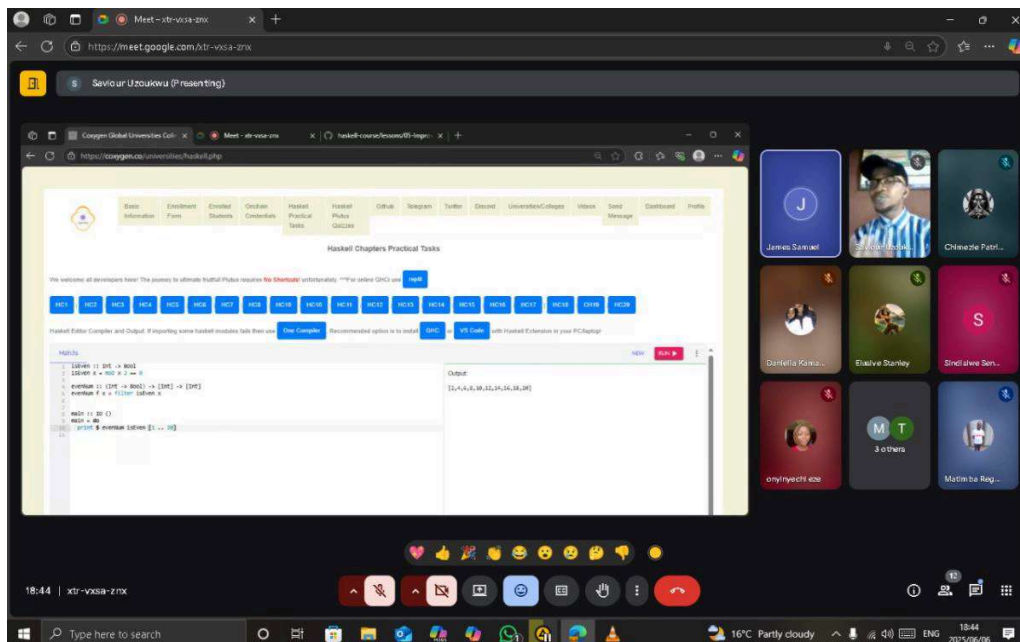


Time: 9;30–2:00PM (Nigerian Time) | 10:30-3:00 PM (SAT)

🔗 Join us via the link below every FRIDAYS and SUNDAYS:

https://meet.google.com/xtr-vxsa-znx

Developer Session And Source Codes

## 1. Onchain Governance Marathon

**Description**: a hands-on coding challenge focused on building a basic decentralized governance system using Haskell https://github.com/Onyinyechi46/Haskell-Basics

# 🏁 Goal

Build a lightweight DAO voting engine in Haskell that supports:

- ✅ Onchain-style proposal creation and voting logic
- 🗳️ Vote tracking per proposal (Yes/No)
- ⏰ A voting deadline or timer for each proposal
- ❌ Prevention of late votes after the timer expires
- ⚖️ Execution logic based on vote results (approve or reject)

### (B) Haskell Governance Timer

**Description:**It provides a precise, customizable countdown utility that can be used during proposal deliberation periods, voting sessions, or task windows in decentralized autonomous organizations (DAOs) or blockchain governance platforms.

https://github.com/Onyinyechi46/Haskell-Basics/blob/main/Marathons/Haskell%20Governance%20Timer

## 2. Mini-Wallet

A simple command-line wallet sign-up system built with Haskell. Users can create wallets with unique usernames and passwords, demonstrating basic I/O, data handling, and user interaction in Haskell.[httpcommerce_://github.com/Onyinyechi46/Mini-Wallet](https://github.com/Onyinyechi46/Mini-Wallet)

## 3. Cardano-Ecommerce-Sim

**Description:** A Haskell-based Cardano e-commerce simulation where users buy products with ADA, enjoy limited-time discounts, and receive delivery confirmations. Features smart contract-style logic like balance validation, timed offers, and instant transaction feedback

[https://github.com/Onyinyechi46/Cardano-Ecommerce-Sim](https://github.com/Onyinyechi46/Cardano-Ecommerce-Sim)

## 4. taskFlow

**Description:** A simple To Do List manager written entirely in Haskell

https://github.com/Onyinyechi46/TaskFlow

# THANK YOU