

## Day 1 tasks

### About Rooba Finance :-

Rooba Finance is a Blockchain and Smart Contract based financial infrastructure that allows for the tokenization of real-world assets in the private markets. **Our vision** is to Empower asset owners worldwide with tokenization. Redefining finance for a better tomorrow.

### What is Blockchain: -

A blockchain is a digital database or ledger shared across many computers (nodes). Everyone can see it, and entries (or "comments") are verified by these computers.

### Benefits of Blockchain: -

- Secure public ledger that can't be changed (immutable)
- Decentralized, meaning no one controls it (trustless)
- Transparent, so anyone can view the information

### Bitcoin & Cryptocurrencies

#### Bitcoin Transactions:-

- Bitcoin is a type of blockchain used as digital currency.
- Transactions are like comments saying Person A sent digital currency to Person B.
- Transactions are securely locked using codes (cryptography).

### Smart Contracts:-

#### What are Smart Contracts: -

- Code that can execute actions automatically if certain conditions are met (like "if-then" scenarios).
- Ethereum introduced smart contracts, enabling more complex transactions beyond Bitcoin's simple transfers.

### ERC-20 Tokens: -

#### ERC-20 Standard

- A set of rules on Ethereum for creating digital tokens.
- Used for various cryptocurrencies and DeFi protocols (like lending, borrowing, etc.).

### ERC-721 (NFTs): -

#### ERC-721 (NFTs)

- NFT stands for Non-Fungible Tokens, unique and unchangeable tokens.
- ERC-721 tokens can represent unique digital or physical assets, like art or collectibles.

### ERC-3643: -

#### ERC-3643

- Focuses on real-world assets and related regulations.
- Allows for permissioned transactions on a decentralized system.
- Involves a regulatory body to validate or reject transactions and enforce rules.

## **Summary: -**

### **From Basic to Complex**

- Blockchain started as a public ledger.
- Bitcoin introduced digital currency.
- Ethereum added smart contracts for more complex transactions.
- ERC-20 set standards for creating tokens.
- NFTs (ERC-721) made unique digital assets possible.
- ERC-3643 added regulations for real-world assets.

Blockchain has evolved from a simple ledger to a sophisticated protocol enabling transparent and compliant transactions worldwide, used in various DeFi applications across different plac

## **Discord:-**

### **What is Discord?**

- Discord is a communication platform used by gamers, communities, and businesses.
- Users can chat via text, voice, and video in servers (groups).

### **Features of Discord**

- Channels: Organize discussions into different topics or categories.
- Roles: Assign different roles to users with specific permissions.
- Permissions: Control who can do what within the server for effective organization.

## **Jira Software**

### **What is Jira Software?**

- Jira Software is a project management tool created by Atlassian.
- Primarily used for agile software development but can adapt to various projects.

### **Features of Jira Software**

- Issue Tracking: Manage tasks, bugs, and user stories.
- Sprint Planning: Plan work for short development cycles (sprints).
- Customizable Workflows: Define how tasks move through stages.

### **Effective for Agile Teams**

- Ideal for teams using agile methodologies like Scrum or Kanban.
- Helps teams plan, track, and manage their work efficiently.

## **Our Investors: -**

Inflection Point Ventures

Endurance Capital

Kube VC

Let's Venture

## **What is Real Estate Tokenization**

- Real estate tokenization is like turning real properties into digital tokens, similar to non-fungible tokens (NFTs) but tied to physical assets.

### **Tokens represent:**

- Ownership of a part or the whole property
- Equity in a property-owning entity
- Interest in debt secured by property
- Rights to property profits

## **Benefits of Real Estate Tokenization:-**

### **• Liquidity**

- Increases liquidity by allowing tokens to be traded among investors, boosting property value.

### **• Lower Transaction Costs**

- "Tokens" make transactions more cost-effective and efficient.

### **• Automation**

- Smart contracts automate compliance, verification, trading, dividends, reducing human effort.

### **• Lower Barrier to Entry**

- Enables small-scale investor participation with lower minimums and smaller investments.

### **• Transparency**

- Every detail, from contracts to transaction data, is secured and transparent, reducing costs and ensuring visibility for all stakeholders

## **Why Real Estate Urgently Needs Tokenization:-**

- **Lengthy Processes**

- Real estate deals involve lengthy administrative processes and heavy capital commitments.

- **Benefits for Investors**

- For small investors: fractional ownership and easy access to real estate.
- For high-net-worth individuals: portfolio management and rebalancing.

- **Benefits for Issuers**

- Automation reduces operational costs and opens assets to a wider investor pool.

## **Is Real Estate Tokenization the Future?**

- **Disruption of Markets**

- Blockchain and tokenization are poised to disrupt markets.

- **Accepted Future**

- Real estate tokenization is gaining acceptance among researchers and experts.

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