

Ass- 1

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1. What is your understanding of Blockchain?

Ans. Blockchain can be described as a data structure that holds transactional records and while ensuring security, transparency, and decentralization. In blockchain, block is a growing list of records, that are linked using cryptography. The distributed ledger that can record transactions efficiently and in a verifiable and permanent way.

2. What is the core problem blockchain trying to solve?

- Security.
- Decentralization.
- Authentication.

3. What are the few features which blockchain will give u?

- Verifiable
- Unchangeable.
- Tamper proof.
- Immutable.

4. What all things does a Block Contain?

- Block number.
- Records.
- Previous block signature.
- Mining Key.

5. How is the verifiability of Blockchain is been attained ?

Ans. Block 1:

0 + Data = FingerKey 1

Block 2:

FingerKey 1 + New Data = FingerKey 2