

Q.1] What is your understanding of blockchain?

Blockchain is a list of block which stores immutable data. It is linked list of a block which is stored in distributed database manner. Blockchain has 3 main contents that are data, fingerprint of that block and fingerprint of previous block. Blockchain concept is structured on mainly two concepts :1.distributed database 2.cryptography.

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

Blockchain concept is came after International banking crisis with the collapse of the investment in 2008.

The core problem with previous system are as follows:

- Authenticity
- Security
- Centralized trust system
- Need of powerful third party authentication

This are some core problem blockchain is trying to solve.

Q.3] What are the few features which blockchain will give you ?

- Verifiable
- Unchangeable
- Tamper-proof
- Immutable

Q.4] What all things does blockchain contain?

A block contain :-

- A block number

- Transaction records
- Previous block signature
- Mining key

Q.5] How is the verifiability of blockchain has been attained?

In the blockchain the concept distributed database is used. Which means single block is stored in different computers in the same format.

Format is previous signature+block data=current signature

As we are saving data in same format we get same current signature for the same code in all computers. Hence we can easily catch errors in the data by comparing the our current signature with different computers. We are storing the copy of data in differnt computers so that we can easily fix our errors by replacing our data with correct data from other computers.