**1. What is your understanding of Blockchain?**

Blockchain is a mixture of two technologies, namely distributed database and cryptography.

**2. What is the core problem block is trying to solve?**

According to me, the main problem because of which idea of blockchain was discovered was security.

**3. Few Features of blockchain**

The feature of blockchain include:

No Hacking, Verifiable, Data transparency and Decentralized.

**4. What all things does a block in a blockchain contain?**

A block typically consists of block number, Previous block's key, data and mining key.

**5.How is Verifiability achieved in blockchain?**

As we know blockchain is a combination of distributed database and cryptography, so the same data is stored at different places and is encrypted by a hashing algorithm called SHA-256 which generates a key for the given data. If the same data is stored at all the places then same key should be generated otherwise if there is a change of even a period in the data then the SHA-256 will generate a different key. So *verifiability* is achieved by ensuring that same key is generated at all the places for the same data.