Blockchain Day 1

Assignment 1

Name : Sagar Shah

Email : [shahsagu787@gmail.com](mailto:shahsagu787@gmail.com)

1. What is your understanding of Blockchain?

Answer: Blockchain is linked list which is use to avoid hacking, gives more security to the data, gives data transparency and removes decentralization.

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

Answer: Blockchain is basically responsible for removing problem of authenticity, security, and third party problem. Blockchain is a procedure to remove this issue and make the database more secure.

3. What are the few features which Blockchain will give you?

Answer: Blockchain will give the following features-

Unchangeable

Temper-proof

Verifiable

4. What all things does a block contain?

Answer: A block in the Blockchain contains the following things-

Block number

Transaction records

Previous block signature

Mining key

5. How is the verifiability of Blockchain has been achieved?

Answer: Verifiability of Blockchain can be achieved by sharing the fingerprint of the data in a server and comparing the fingerprint of all other servers with it. This can be done on a regular basis like say every 10 seconds. This is how the data can be verified.