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Day 1 Assignment 1

Q1. What is your understanding of Blockchain?

* Blockchain is a advanced level ledger where we can only add and see the data without modifying and delete the records. It is just liked link list where we store the data and into the list with Digital Fingerprint. It provides Data Integrity, validation of data, temper proof, immutable features and it will be done by Distributed Database and Cryptography. It cannot be Hacked and security is awesome. It stores the data permanently.

Q2. What is the core problem blockchain trying to solve?

* Data Authentication
* Data Integrity
* Security
* Decentralization System
* Trust issue
* Hacking

Q3. What are the few features which blockchain will give you?

* Data Authentication
* Store Data Permanently
* Security
* Distributed Database
* Digital signature
* Solve the trust issue or peer to peer trust
* Doesn’t hackable

Q4. What all things does a Block Contain?

* Previous Block’s Hash Key
* Data or Record
* Block No
* Mining key

Q5. How is the verifiability of Blockchain is been attained ??

* Every block contains the previous block’s hash and own block’s hash and because of that we can create the chain of block and link the every block to whole chain. This hash gives the digital signature of block and it is same for the other who are connected with the network. Because of the digital signature we can verify the blockchain.

https://kahoot.it/challenge/d707cad3-e937-4b53-a084-8deb676854cb\_1595046654715?&uid=QmhhZ3llc2g=