Day 1-Assignment

Questions:

1. understanding of Blockchain:
   - Blockchain is a philosophy not a technology
   - Blockchain is combination of Distributed Database and Cryptography
   - Immutable dynamic ledger is used in blockchain
   - It led internet 2.0

2. The core problem Blockchain trying to solve:
   - To overcome 3rd party vendors for trust

3. Features in blockchain:
   - Verifiability
   - Immutable
   - Tamper proof
   - Unchangeable
   - Authenticity

4. BlockChain consists of:
   - BlockNumber
   - Previous block digital signature
   - Data
   - Current Block digital signature
   - Mining key

5. Verifiability of blockchain:
   - Every record created are stored in distributed database
   - Every data has unique digital signature
   - Every one connected as network with distributed database so every one has copies of other's data in secured way
   - If any change or corruption or any damage occurs value of digital signature will change. So other persons can find change in signature and original hash given back to affected user