**DAY 1 ASSIGNMENT**

1. What is your understanding of blockchain?

My understanding of Blockchain- Blockchain is a sequence of block which contains permanent records or information. Technically -mix of technology-Distributed database&crytography.

Distributed database+crytography=Blockchain

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

* + Data security,
  + Need a power third party for trust
  + Authenticity

3. What are the features of blockchain?

* + highly secure-huge amount security boost
  + We can eliminate third party in between the transaction.
  + hacking is impossible
  + verifiable
  + data transparency
  + decentralization
  + immutable

4. What all things does Block Contain? Block contains permanent transaction records or information, both previous fingerprint (hash key) or current fingerprint (hash key).

5. How is the verifiability of blockchain is been achieved?

block1:

No fingerprint (0) +data=fingerprint 1

block2:

Fingerprint 1+new data=fingerprint 2.

block3:

Fingerprint 2+current data=fingerprint 3....goes on