Assignment 1  
  
1.  What is your understanding of Blockchain?  
Blockchain is a combination of decentralized distribution of database and cryptography that keeps a permanent record of all transactions in a secure, chronological and immutable and verified. It holds the transaction records ensuring the security.  
  
2. What is the core problem Blockchain trying to solve?  
1. Authenticity  
2. Security  
3. Need of powerful third party for trust.  
  
3. Features of Blockchain will give?  
1. Verifiable  
2.Unchangeable  
3. Temper proof  
4. Immutable  
  
4. What does a block contain ?  
1 Current Block Hash  
2 Data Record of current block  
3 Previous Block Hash  
  
5. How is the verifiability of Blockchain will be attained?  
0+ New data= fingerprint 1  
Fingerprint 1+current data= fingerprint 2  
Fingerprint 2+ current data= fingerprint 3