Day 1 Assignment

1. What is your understanding of blockchain?

Blockchain is a ledger, Which is encrypted and saved in distributed database.This give security, immutability, verifiability.

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

* Authenticity
* The dependence of a centralized head or a third party
* Security

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

* Verifiable
* Unchangeable
* Tamper-proof
* Immutable
* Internet 2.0

1. What all things does a Block contain?

* Block Number
* Data to be stored
* Previous Block key
* Mining key

1. How the verifiability of Blockchain has been attained?

* In blockchain the data is stored in a distributed database in form of blocks.And every block will generated a unique code for the data.
* This block with unique code will be stored. And will check whether all the code in every block in every system is same.
* If Any change happens then the code generated will be different.The mismatch in the code of this system with every other system will alert that something is changed.
* By this way blockchain implements verifiability .