

 Hash Your First Block – Blockchain Basics and Setup  
  
**Objective/Aim:**  
  
 To study and understand the basics of blockchain and how its linked with each other .

**Apparatus/Software Used:**

* Laptop/PC
* PowerPoint/Word for documentation
* Internet for research

**Theory/Concept:**

1. **Blockchain is a shared immutable ledger that facilitates the process of recording transactions and tracking assets across a business network.**
2. **Blockchain uses the three principles of cryptography, decentralization, and consensus to create a highly secure underlying software system that is nearly impossible to tamper with. There is no single point of failure, and a single user cannot change the transaction records.**
3. **The key benefit of blockchain lies in its ability to provide security, transparency and trust without relying on traditional intermediaries, such as banks or other third parties.**



**Procedure:**

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1.  Studied theoretical concepts of blockchain technology.



1. Created a PowerPoint presentation on blockchain technology.

**Observation Table:**

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