Department of Computer Engineering

Batch: A2 Roll No.:

Experiment No. 6

Grade: AA / AB / BB / BC / CC / CD /DD

Signature of the Staff In-charge with date

Title: Implementation of Blockchain platform Ethereum using Geth.

Implementation Details:

```
| modic| peth | puth |
```

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```
Set in int —datafir data genesis.json

NNO 18-25|12.15138.76| Naxisma peer cont
NNO 18-25|12.15138.773| Set in interval in the cont of the control of the co
```

```
| DRFG | 18-25 | 12:15:47.236 | Chain | 10: 12345 (unknown) | DRFG | 18-25 | 12:15:47.236 | Concensus: Clique (proof-enthority) | Clique | Cli
```

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```
"config": {
  "chainId": 12345,
  "homesteadBlock": 0,
  "eip150Block": 0,
  "eip155Block": 0,
  "eip158Block": 0,
  "byzantiumBlock": 0,
  "constantinopleBlock": 0,
  "petersburgBlock": 0,
  "istanbulBlock": 0,
  "berlinBlock": 0,
  "clique": {
   "period": 5,
   "epoch": 30000
 },
 "difficulty": "1",
 "gasLimit": "8000000",
 "extradata":
"alloc": {
  "7df9a875a174b3bc565e6424a0050ebc1b2d1d82": { "balance": "300000" },
  "f41c74c9ae680c1aa78f42e5647a62f353b7bdde": { "balance": "400000" }
```

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Conclusion:-

In this experiment, we learnt about how to use Geth to create a private blockchain on our local machine, and created 2 nodes on this blockchain.