| **Assignment 3** | |
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|  | Define FTP. |
|  | Compare the throughput of pure aloha and slotted aloha. |
|  | What are TCP and UDP protocols? |
|  | List out the transport layer service primitives and their meaning |
|  | What is Subnetting. |
|  | Distinguish between IPV4 vs IPv6 Protocol. |
|  | Describe the working principle of Carrier sense multiple access with collision Detection (CSMA/CD). |
|  | What is the format of IPv4 header? Describe the significance of each field |
|  | With an example explain the sliding window Flow control mechanism. |
|  | Describe the three layers of the SONA framework. |