

Lab Programs

1. Implement a client and server communication using sockets programming.
2. Write a program to implement distance vector routing protocol for a simple topology of routers.
3. Write a program to implement error detection and Correction concept using Checksum and Hamming code.
4. Implement a simple multicast routing mechanism.
5. Write a program to implement concurrent chat server that allows current logged in users to communicate one with other. (TCP or UDP)
6. Implementation of concurrent and iterative echo server using both connection and connectionless socket system calls.
7. Implementation of remote command execution using socket system calls.
8. Write a program to encrypt and decrypt the data using RSA and Exchange the key securely using Diffie-Hellman Key exchange protocol.