

List of Programming Exercises

- Address Resolution Protocol
- Assignments of Sites to Concentrator
- Classless InterDomain Routing
- Cryptography
- Substitution
- Transposition
- XOR
- Data Encryption Standard
- RSA
- Wired Equivalent Privacy
- Distance Vector Algorithm
- Error Correcting Code
 - Hamming Code
- Error Detecting Codes
 - Cyclic Redundancy Check
 - Longitudinal Redundancy Check
- Framing Sequence
- Bit Stuffing
- Character Stuffing
- Leaky Bucket Algorithm
- Multi Level Multi Access
- Generic Cell Rate Algorithm
 - Virtual Scheduling Algorithm
- PC to PC Communication
 - Socket Programming
- Scheduling

- Sorting
- Shortest Path
- Subnetting
- Sliding Window Protocol
- Spanning Tree
- Token Bucket Algorithm
- Fast Leaky Bucket Algorithm
- Transmission Flow Control