Simtel NetSys creates a virtual environment to implement various LAN configurations and gives enormous results of simulation. We can simulate our LAN to best possible combination which will give best results, before actual implementation. Also have a good amount of theory.

Topics Covered:

- Networking: History, Components(NIC, Repeater, HUB, Bridge, Switch, Router, BRouter, MSAU), Topologies(Bus, Rig, Star, Mesh, Tree), Network Types(LAN, MAN, WAN), VLAN, Internet
- Networking Models: OSI Model, TCP/IP Model, IEEE Standards, Protocols
- Switching: Circuit Switching, Packet Switching, Message Switching, PSTN, ISDN, DSL
- Ethernet : Introduction, Fast Ethernet, Gigabit
- Network Security: Introduction, VPN, Firewall
- Algorithms: Dijkstra's Algorithm, Bellman Ford Algorithm
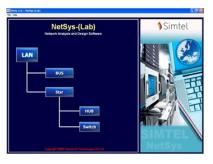- Network Design Lab: Bus, Hub, Switch

System Requirements:
- Windows XP SP3 or Later (English Version)
- Processor family X86
- Dotnet Framework 4.0 & above
- Flash player 9.0 & above

Software program windows:

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