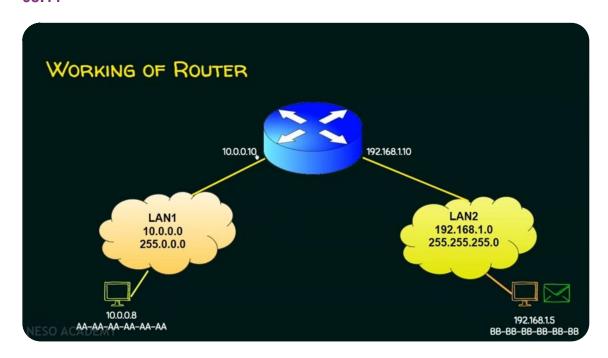**03:25**

08:11

WORKING OF ROUTER

09:34

SWITCH VERSUS ROUTER

Switch	Router
A network switch is a computer networking device that is used to connect many devices together on a computer network.	A router is a networking device that connects a local network to other local networks.
Operates at Data Link Layer. (Layer 2 Device)	Operates at network layer. (Layer 3 Device)
Has memory and stores MAC Address Table.	Has memory and stores Routing table.
Decisions are taken based on MAC address.	Decisions are taken based on IP address.
Half/Full Duplex.	Full Duplex.
LAN.	LAN, MAN, and WAN.

ROUTER

* A router is a networking device that forwards data packets between computer networks.
* A router is connected to at least two networks, commonly two LANs or WANs or a LAN and its ISP's network.
* It is a layer 3 (Network layer) device.
* Stores routing table.