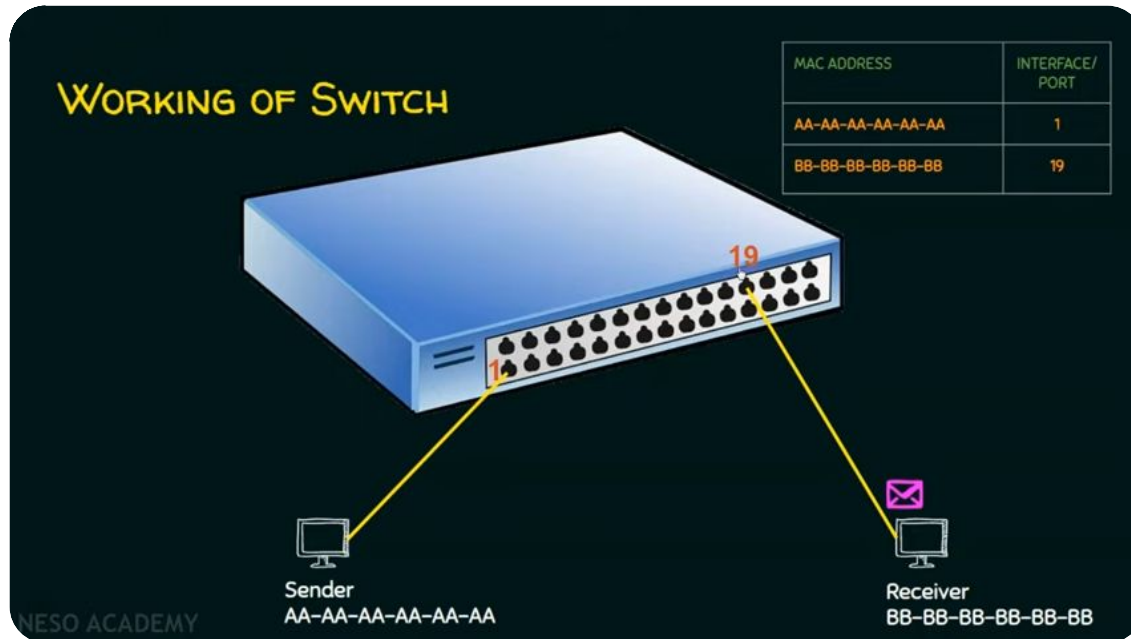


01:30

04:24



10:20

HUB VERSUS SWITCH

Hub	Switch
Layer 1 device.	Layer 2 device.
Works at physical layer.	Works at Data Link Layer.
Has no memory.	Has memory and stores MAC Address Table.
Not an intelligent device.	Intelligent device.
Floods the network due to broadcasting.	Can do unicasting, multicasting and broadcasting.
Security risks are high.	Security risks are low.
Less efficient.	More efficient.
Half Duplex.	Full Duplex.

NESO ACADEMY

SWITCH

- ★ A switch is a networking hardware that connects devices on a computer network to establish a local area network.
- ★ Unlike hub, switch has memory.
- ★ Stores MAC ADDRESS TABLE.
- ★ Layer 2 Device for setting up LAN.