00:43

BIT ORIENTED APPROACH

 \star It simply views the frame as a collection of bits.

Bit Oriented Protocol

HDLC <-> High-Level Data Link Control

IESO ACADEMY

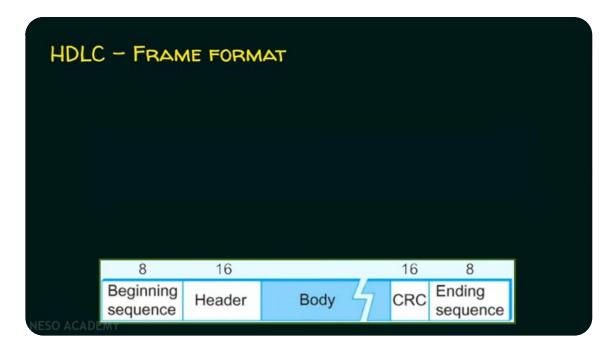
01:30

HDLC

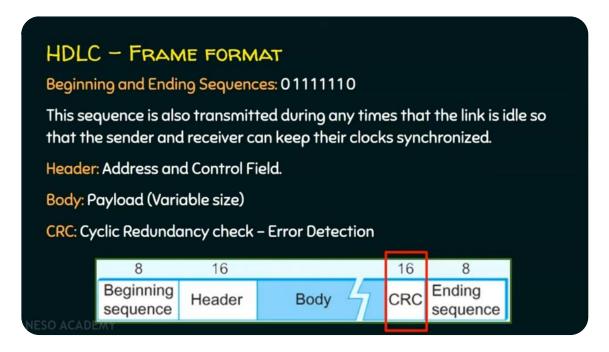
- ★ The Synchronous Data Link Control (SDLC) protocol developed by IBM is an example of a bit-oriented protocol.
- ★ SDLC was later standardized by the ISO as the High-Level Data Link Control (HDLC) protocol.
- ★ Bit Oriented Protocol.

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Types of HDLC Frames

The type of frame is determined by the control field.

I-Frame: Information Frame.

S-Frame: Supervisory Frame.

U-Frame: Un-numbered Frame.

I-Frame	Ist bit is 0
S-Frame	1st two bits is 10
U-Frame	1st two bits is 11

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