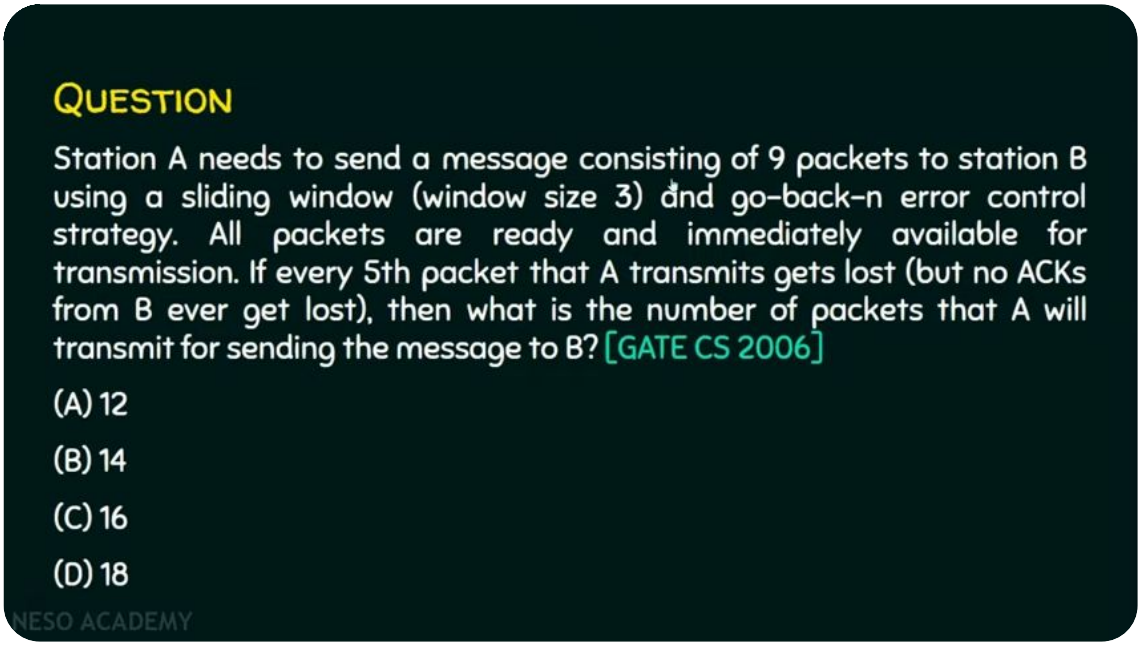
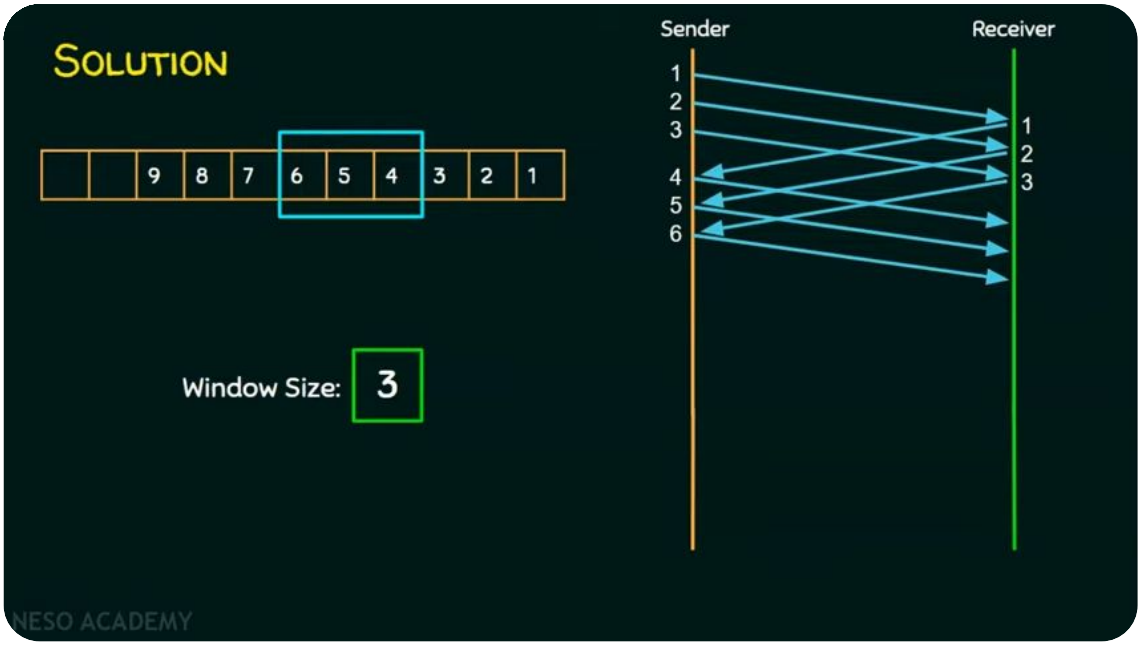
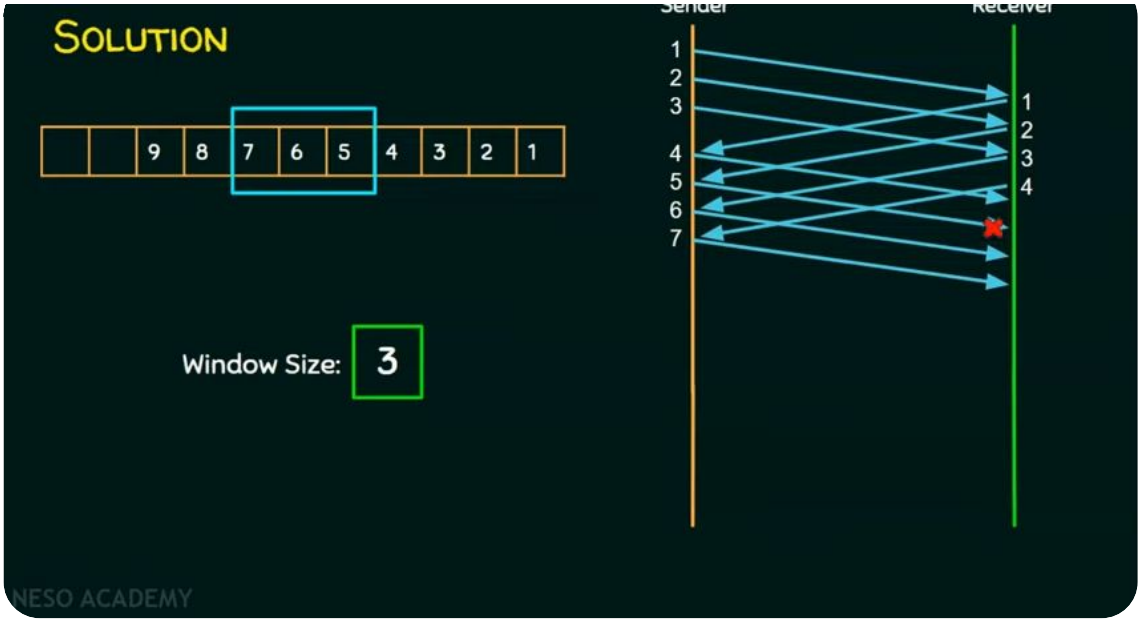
00:43



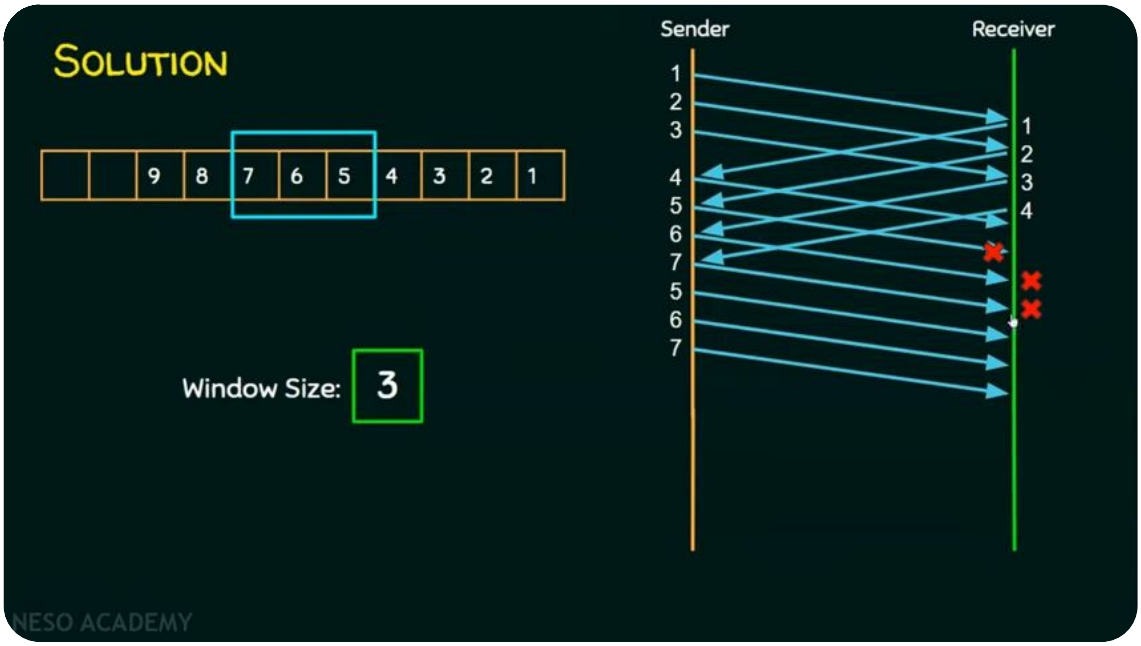

05:40



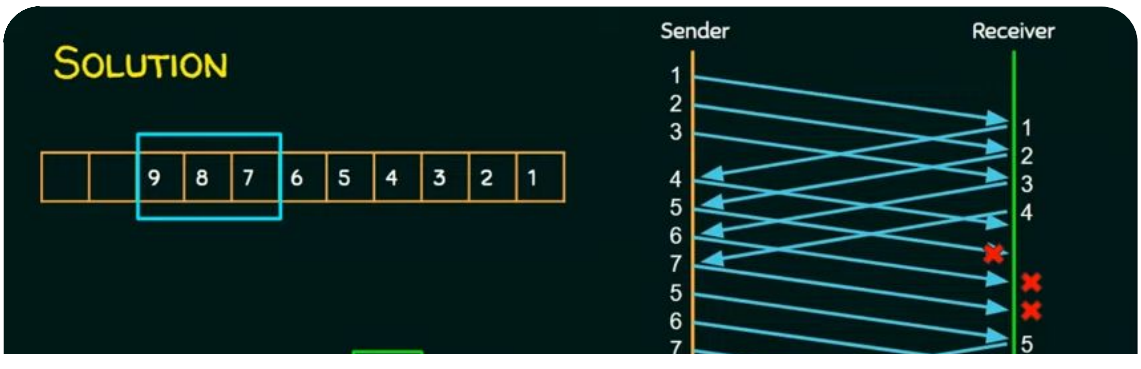

06:44


SOLUTION
9 8 7 6 5 4 3 2 1
Window Size: 3
Sender
Receiver
1 2 3 4 5 6 7
1 2 3 4
NESO ACADEMY

**08:00**

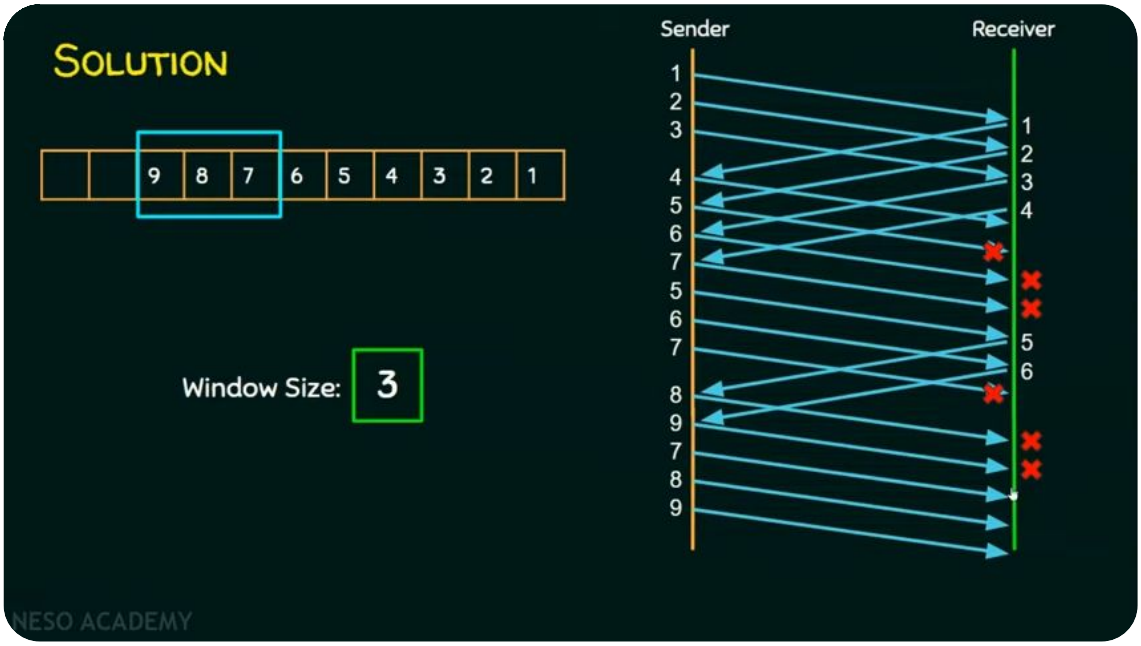

SOLUTION
9 8 7 6 5 4 3 2 1
Window Size: 3
Sender
Receiver
1 2 3 4 5 6 7 5 6 7
1 2 3 4
NESO ACADEMY

**10:35**

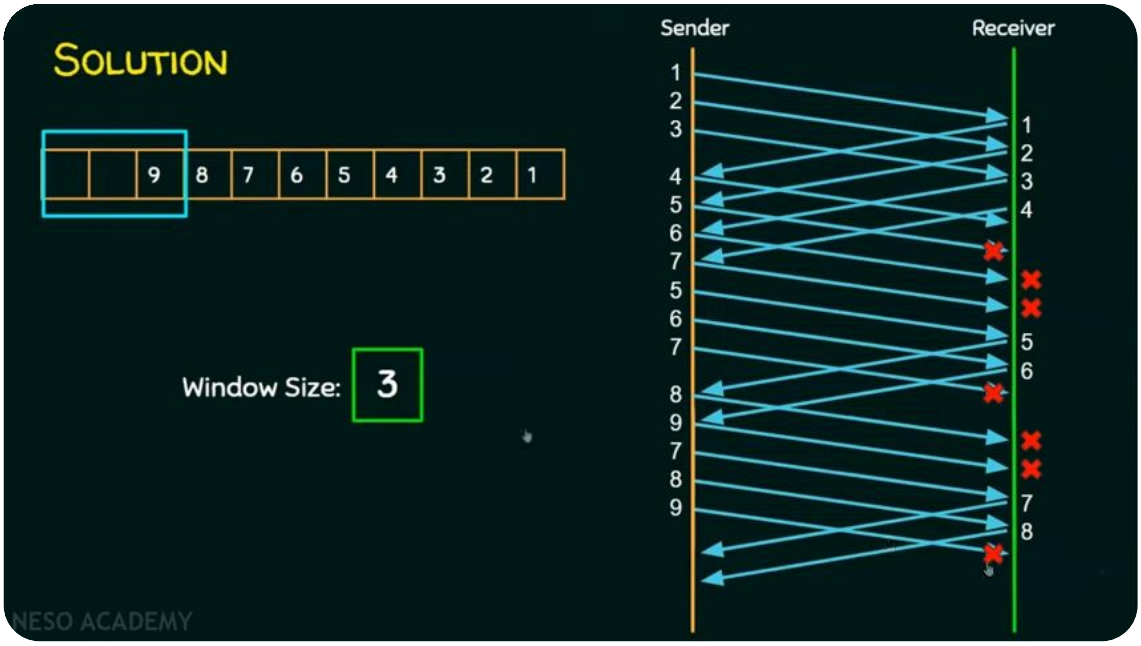

SOLUTION
9 8 7 6 5 4 3 2 1
Sender
Receiver
1 2 3 4 5 6 7 5 6 7
1 2 3 4 5


Window Size: 3
8
9
6
NESO ACADEMY

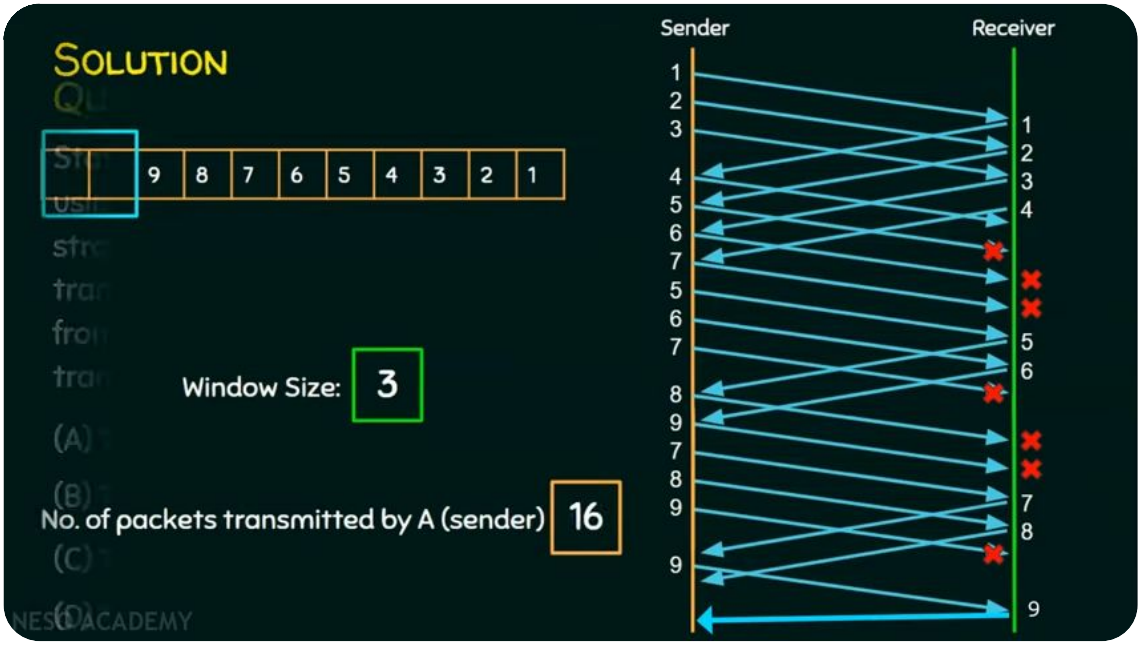
**11:34**


SOLUTION
9 8 7 6 5 4 3 2 1
Window Size: 3
Sender
Receiver
1 2 3 4 5 6 7 5 6 7 8 9 7 8 9
1 2 3 4 5 6 7 8 9
NESO ACADEMY

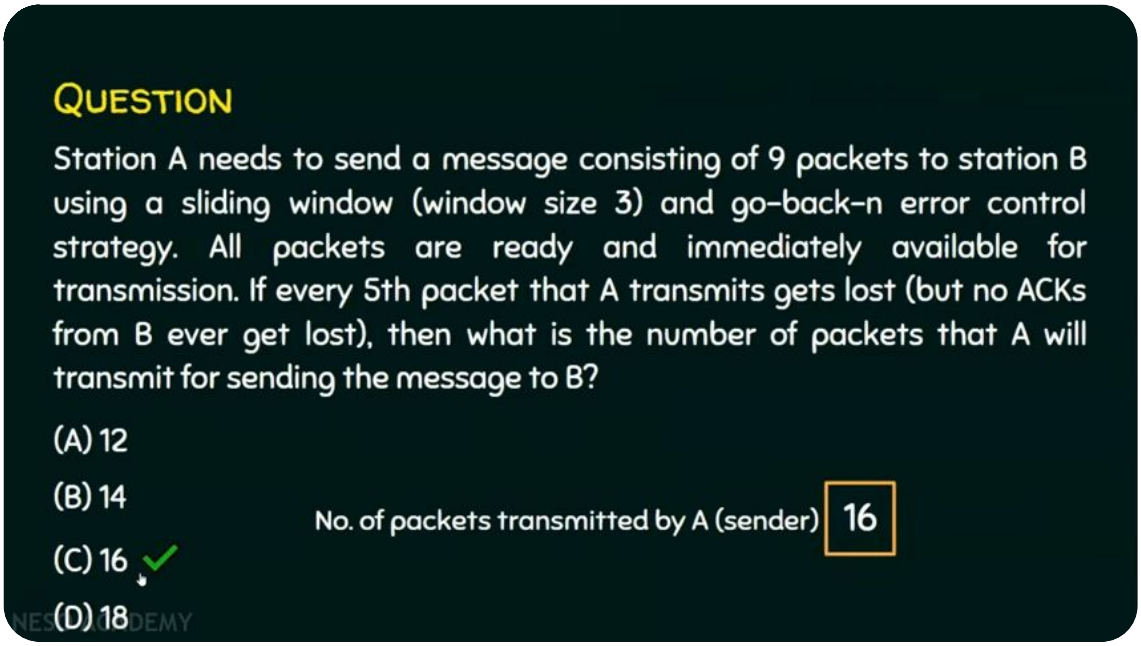
**13:12**


SOLUTION
9 8 7 6 5 4 3 2 1
Window Size: 3
Sender
Receiver
1 2 3 4 5 6 7 5 6 7 8 9 7 8 9
1 2 3 4 5 6 7 8 9
NESO ACADEMY

14:26


SOLUTION
9 8 7 6 5 4 3 2 1
Window Size: 3
No. of packets transmitted by A (sender) 16
Sender
Receiver
1 2 3 4 5 6 7 5 6 7 8 9 7 8 9 9
1 2 3 4 5 6 7 8 9

14:34


QUESTION
Station A needs to send a message consisting of 9 packets to station B using a sliding window (window size 3) and go-back-n error control strategy. All packets are ready and immediately available for transmission. If every 5th packet that A transmits gets lost (but no ACKs from B ever get lost), then what is the number of packets that A will transmit for sending the message to B?
(A) 12
(B) 14
(C) 16
(D) 18
No. of packets transmitted by A (sender) 16