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Stop & Wait (window = 1) Working correctly

Score is out of 10 pts

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For stop and wait, we tested several cases by setting the window size to 1 in SR.

works for no loss and no corruption

* Our code work for this one and the trace is in trace/sw/sw\_noloss\_nocorruption.txt.

# Graphical user interface, application Description automatically generated

works for loss and no corruption

* Our code show recovery from loss
* Trace can be found in trace/sw/sw\_loss\_nocorruption.txt
* recovery from DATA loss, error detection by timeout
  + Graphical user interface, application, Word

    Description automatically generated
  + The screen shot above shows a data packet from A is lost , it is detected by timeout and resent. The packet is then successfully collected by B.
* recovery from ACK loss, error detection by timeout
  + Graphical user interface, application, Word

    Description automatically generated
  + The above is a screen of a loss in ACK packet and was detected by timeout.
* A computer screen capture

  Description automatically generated with medium confidence
* The above is the result for loss but no corruption, stop and wait protocol. It can be found in trace/sw/sw\_loss\_nocorruption.txt.

works for corruption and no loss

* Our code show recovery from corruption
* Trace can be found in trace/sw/sw\_noloss\_corruption.txt
* recovery from DATA corruption, error detection by timeout
  + Graphical user interface, application, Word

    Description automatically generated
  + The screen shot above shows a data packet from A is corrupted and detected by B. The packet is resent and then successfully collected by B.
* recovery from ACK corruption , error detection by timeout
  + Graphical user interface, application, Word

    Description automatically generated
  + The above is a screen of a corruption in ACK packet and was detected by A.
* Graphical user interface, application

  Description automatically generated
* The above is the result for corruption but no lost, stop and wait protocol. It can be found in trace/sw/sw\_noloss\_corruption.txt.

works for both loss and corruption

* A computer screen capture

  Description automatically generated with medium confidence
* The above is the result for corruption andlost, stop and wait protocol. It can be found in trace/sw/sw\_loss\_corruption.txt.

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SR (window > 1)

Score is out of 90 pts

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C1: works for no loss + no corruption