**PA #2 – Part I**

**Implementing Selective-Repeat with cumulative ACKs**

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# **0 How to run this protocol?**

1. Open folder “src” and find “Project.java”.
2. Turn to the bottom of “Project.java” and uncomment

simulator = **new** SelectiveRepeatSimulator(numOfMessages, loss, corrupt, delay, trace, seed, windowsize, timeout);

1. Run “Project.java”.

# **1 Stop & Wait (window = 1)**

**Input values:**

* Number of messages to simulate: 52
* Packet loss probability: 0.1
* Packet corruption probability: 0.1
* Average time between messages from sender’s layer 5: 200
* **Window size: 1**
* Retransmission timeout: 30
* Trace level: 3
* Random seed: 1234

**Part of output in the terminal:**

# **2 Selective Repeat (window > 1)**

- number of messages = 26

- loss probability = 0.1

- corruption probability = 0.1

- average time between messages from sender's layer 5

- trace level = 3