# Simulation of congestion control algorithms

**AIM:** Write tcl script to simulate the different congestion control algorithms

***Algorithm:***

1. Write tcl script to simulate:
   1. Create 3 nodes and the links between the nodes as
      1. 0  1 10Mb 10 ms duplex link
      2. 1  2 2Mb 10 ms duplex link
   2. Align the nodes properly
   3. Setup a TCP/Tahoe connection over 0 and 2 and its flow id, window size, packet
   4. Show the simulation in network animator and in trace file.
2. Write tcl script to simulate:
   1. Create 3 nodes and the links between the nodes as
      1. 0  1 10Mb 10 ms duplex link
      2. 1  2 2Mb 10 ms duplex link
   2. Align the nodes properly
   3. Setup a TCP/Reno connection over 0 and 2 and mention the same flow id, window size, packet used for TCP/Tahoe
   4. Show the simulation in network animator and in trace file.

Analyze the two different congestion control algorithms.