53. Latency - Simulation

Outcomes –

* Understand the transmission delay and propagation delay.

Components of Latency –

* Transmission delay.
* Queuing delay.
* Propagation delay.
* Processing delay.

Transmission delay/time –

* Time taken to place the data packet on the transmission line is known as transmission time.
* Transmission time = message size/bandwidth.

Propagation delay/time –

* The time taken to transmit data packet from sender to the receiver is known as Propagation delay.
* Propogation time = distance / speed of transmission.

Type propagation delay and Transmission delay in Java applet.