Lab 4 Report
Go Back N Protocol

- What happens when random drop probability increases?
    - RTT is somewhat directly proportional to drop probability, when the random probability increases the RTT(Re transmission time increases), for the dropped packets we not only need to send those packets but also packets which are sent after those packets in that window since this is GBN protocol

- What happens when we increase the PACKET_LENGTH?
    - When we increase the packet length, the chance of corruption of data in the packets increase, So as compared to before the no of packet drops will get increased. So finally the RTT(Re transmission ratio) increases and the chance of dropping the probability also increases.

For Drop Probability - 10^{-8}

Packet length	RTT	Retransmission ratio
128	12.706567645072937	1.0
1024	12.632540464401245	1.0

For Drop Probability - 10^{-4}

Packet length	RTT	Retransmission ratio
128	12.610188126564026	1.0
1024	12.63704538345337	1.0