Assignment 2: CS3205 - Computer Networks

Name: Vimarsh Sathia

Roll No: CS17B046

This file consists of instructions to run the program to simulate the Selective Repeat Protocol (on UDP Packets) for both the sender and receiver side. On a terminal, run the following commands:

1. **SenderSR**:
   Do:
   ```
   $> make sender
   $> java SenderSR -p 12345 -L 512 -R 100 -N 400 -B 100 -n 8
   ```

2. **ReceiverSR**:
   Do:
   ```
   $> make receiver
   $> java ReceiverSR -d -p 12345 -N 400 -e 0.01 -B 100
   ```
   The debug output time represents the time at which the receiver got the packet since it started.

Make sure that the `-n` and `-p` flags are the same in the Sender and the Receiver. The complete description of flags is given below:

- `-d` : toggle debug mode
- `-s` \ : Receiver Name/IP address
- `-p` \ : Receiver Port
- `-n` \ : Sequence field length (in bits)
- `-L` \ : Max Packet length
- `-R` \ : Packet generation rate
- `-N` \ : Max packets
- `-W` \ : Window size
- `-B` \ : Max Buffer Size
- `-e` \ : Max drop probability