CIS 432/532 Introduction to Computer Networks
Fall 2002

Program #2 Survey

1. Identification ❑ Undergraduate
Print clearly. ❑ Graduate

Name		CS Username

2. Program Status
Check the boxes below to indicate which functions your program performs properly.

Functionality

❑ Program compiles with a Makefile
Stop-And-Wait
❑ Transfers 10 messages with 0% loss and 0% corruption
❑ Transfers 10 messages with 20% loss and 0% corruption
❑ Transfers 10 messages with 0% loss and 20% corruption
❑ Transfers 10 messages with 20% loss and 20% corruption
❑ Stop-And-Wait is implemented correctly: follows state diagram given in the textbook (one message is sent at a time, receiver acks only in-order packets, etc.)
❑ Uses NACK messages to improve performance (avoid timeouts)
Go-Back-N
❑ Transfers 20 messages with 0% loss and 0% corruption
❑ Transfers 20 messages with 20% loss and 0% corruption
❑ Transfers 20 messages with 0% loss and 20% corruption
❑ Transfers 20 messages with 20% loss and 20% corruption
❑ Go-Back-N is implemented correctly: follows state diagram given in the textbook (a window of 8 packets is sent at a time, receiver does not buffer out-of-order data, etc.)
❑ Uses NACK messages to improve performance
Bi-Directional Transfer (extra credit for undergraduates, required for graduates)
❑ Stop-And-Wait transfers data in both directions: 10 packets, 20% loss, 20% corruption
❑ Go-Back-N transfers data in both directions: 20 packets, 20% loss, 20% corruption

3. Comments
If your program doesn't work properly, please describe in more detail what is wrong. Use the back if you need more space. Also, if you used some special implementation then describe it here.