

UNITED STATES MILITARY ACADEMY

PROJECT 1 CHECKPOINT

CY350X: COMPUTER NETWORKS

SECTION L2

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By

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   MY DOCUMENTATION IDENTIFIES ALL SOURCES USED AND ASSISTANCE  
RECEIVED IN COMPLETING THIS ASSIGNMENT.

  CE   I DID NOT USE ANY SOURCES OR ASSISTANCE REQUIRING DOCUMENTATION  
IN COMPLETING THIS ASSIGNMENT.

SIGNATURE: \_\_\_\_\_

For this project, I plan to import the following Python modules to complete project 1: socket, time, random, and sys. Socket will be used throughout the program for the socket implementation. Time will be used to get the times that the packets are sent and to calculate the round-trip time of the ping. Random will be used to generate the sequence number (1-10), and will also be how I simulate 30% packet loss. If the sequence number is 1-3, I will drop the packet. Finally, sys is required to use command line arguments in Python, so I will import it to allow command line arguments instead of prompting the user for input.

Flow chart:

