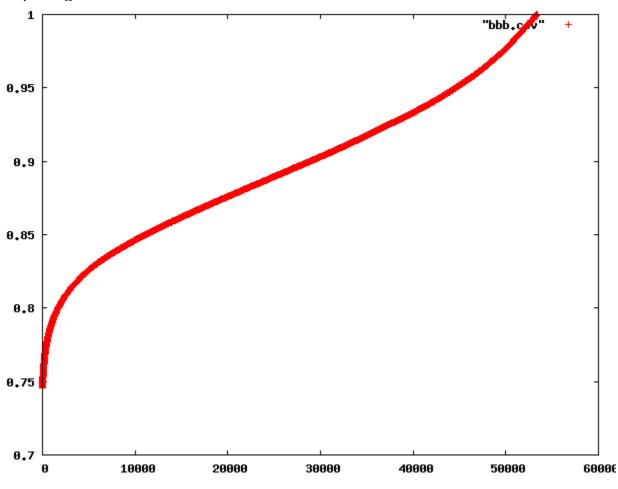
IMPORTANT README

Part 2.1 and 2.3 generates the answer through the command line output. However, most parts of the script file are commented due to the lengthy output and calculation time of the program. Especially, 2.4 took approximately 30 to 40 minutes because of the system call ipcalc. The result of ipcalc is attached as bbb.csv, and the script that generates bbb.csv is commented. 2.2 was commented because its results are plotted. Please comment / un-comment and run the script carefully...

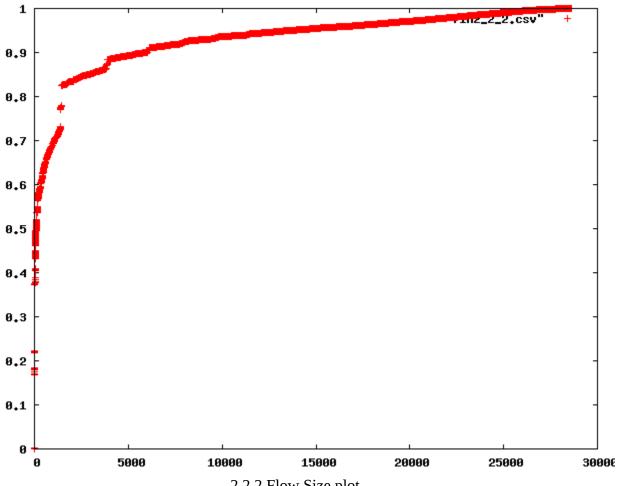
2.1 Average packet size was computed by summing up the bytes and number of packets, then dividing bytes by packets.

-768.181 bytes (octets)

2.2 CDF plotting results are as below:

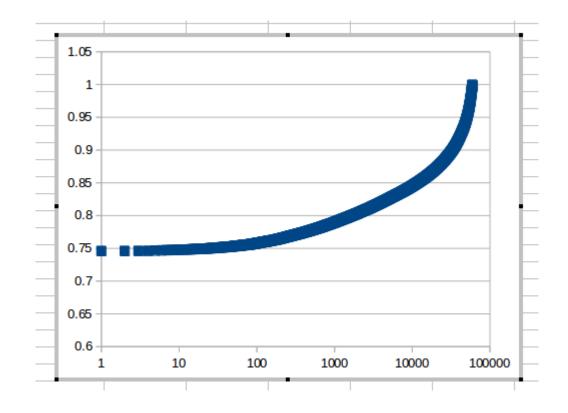


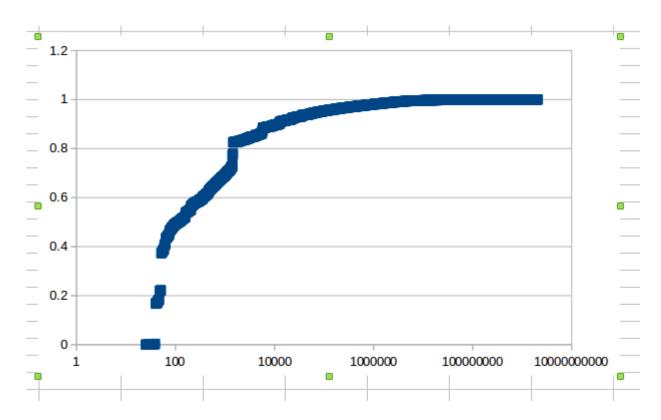
2.2.1 Duration plot x: durations (last - first)



2.2.2 Flow Size plot x: flow sizes (bytes * packets)

Logarithmic scale helps picture flow size (2.2.2) because of its steep increase.





2.3 Top ten sender / receiver ports

Program generates the command line output to the right.

None of the port numbers from the numbers from the well-known list, such as 80 for HTTP, 20 for FTP, made the top ten of either sender or receiver lists.

2.3: Tr	raffic Summary
Top 10	Source Ports
port	bytes
50283	2068044165
50216	2028110660
60689	2000746988
55852	1987033053
50131	1985587075
50103	1968670008
50212	1942040058
56818	1938966959
49568	1915101036
31634	1911439387
Top 10	Receiver Ports
51840	2041411878
52401	2028116085
3009	2025107302
51310	2007910412
48244	1986982048
36999	1973207986
57856	1968657780
41226	1935988522
37397	1929414380
42433	1928032260

2.4

Output generated through command line

2.5

WSU's address block, by bytes, took 0.00000503506% of the entire flow's size and 0.000011351% of the number of packets.

978	/6. /8.80.0	5.07488E-006
979	65.88.88.0	5.04479E-006
980	134.121.0.0	5.03506E-006
981	129.102.0.0	5.01876E-006
982	134.50.0.0	5.00371E-006