OBSERVATIONS

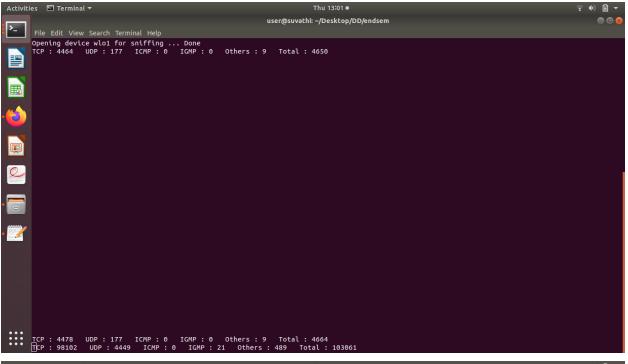
4. Write a C program to capture network packets

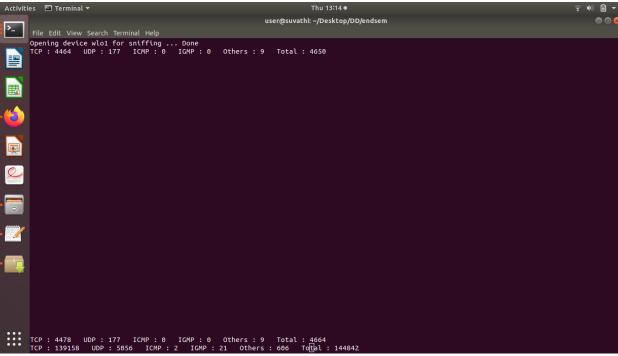
So to run the code i used two techniques one by incorporating libpcap(Libpcap is a packet capture library for linux which can be used to sniff packets or network traffic over a network interface.)and without libpcap. Since it took to long to show the output packets. I screenshoted them at different time intervals.

WITH LIBPCAP:

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Activities Truninal Truninal Help

| Second Content of the Content
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WITHOUT LIBPCAP:

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Activities Terminal  

user@suvathi-/Desktop/DD/endsem

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smiff.c:38:8: warning: implicit declaration of function 'pcap_compile' [-Himplicit-function-declaration] 
if(pcap_compile(descr, afp, argv[1], 0, netp) == -1) {

smiff.c:39:9: warning: incompatible implicit declaration of built-in function 'fprintf'

fprintf(siderr, 'Error calling pcap_compile\n');

smiff.c:39:9: sming: incompatible implicit declaration of 'fprintf'

smiff.c:40:9: sming: incompatible implicit declaration of 'fprintf'

smiff.c:40:9: note: include 'cstditb.h' or provide a declaration of 'exit'

smiff.c:41:8: warning: implicit declaration of built-in function 'fprintf'

smiff.c:45:9: warning: incompatible implicit declaration of 'fprintf'

smiff.c:45:9: warning: incompatible implicit declaration of built-in function 'fprintf'

smiff.c:45:9: note: include 'cstditb.h' or provide a declaration of 'fprintf'

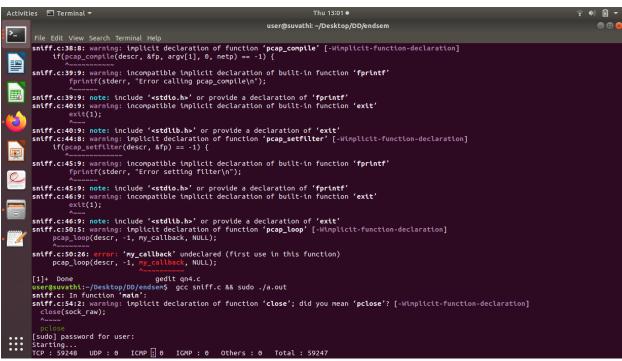
smiff.c:46:9: warning: incompatible implicit declaration of 'fprintf'

smiff.c:46:9: warning: implicit declaration of function 'pcap_loop' [-Himplicit-function-declaration]

pcap_loop(descr, -1, my_callback, NULl);

smiff.c:39:9: warning: implicit declaration of function 'close'; did you mean 'pclose'? [-Himplicit-function-declaration]

procession of the following in the following in the following in the follo
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Since i could conclude the result, i recorded the packets recived by each of them. With libpcap it shows less packets compared to without libpcap.