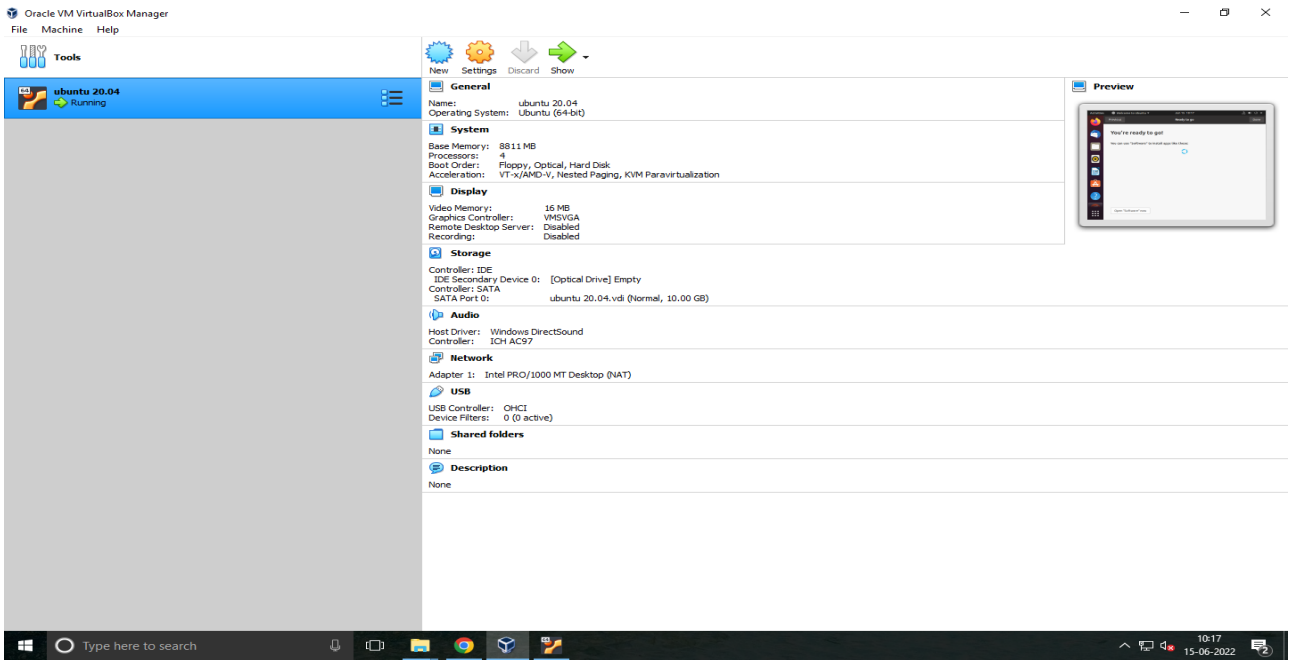
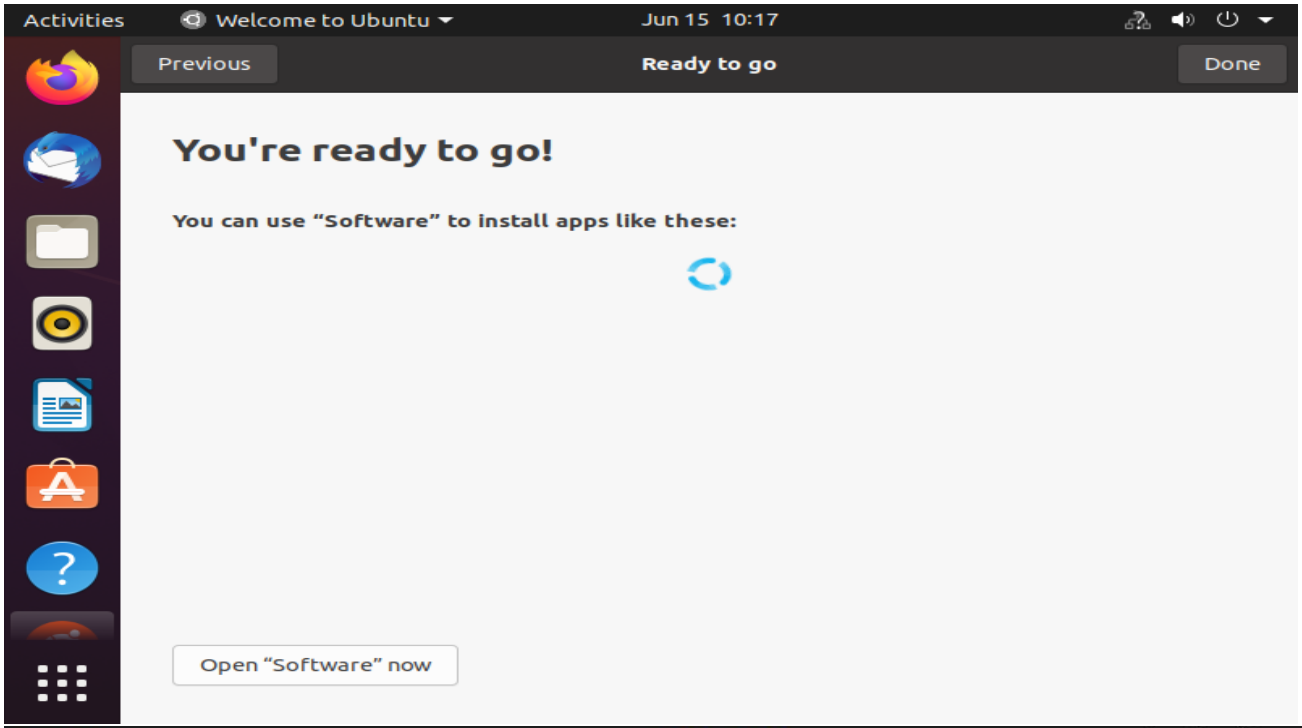
Don G Madamannil

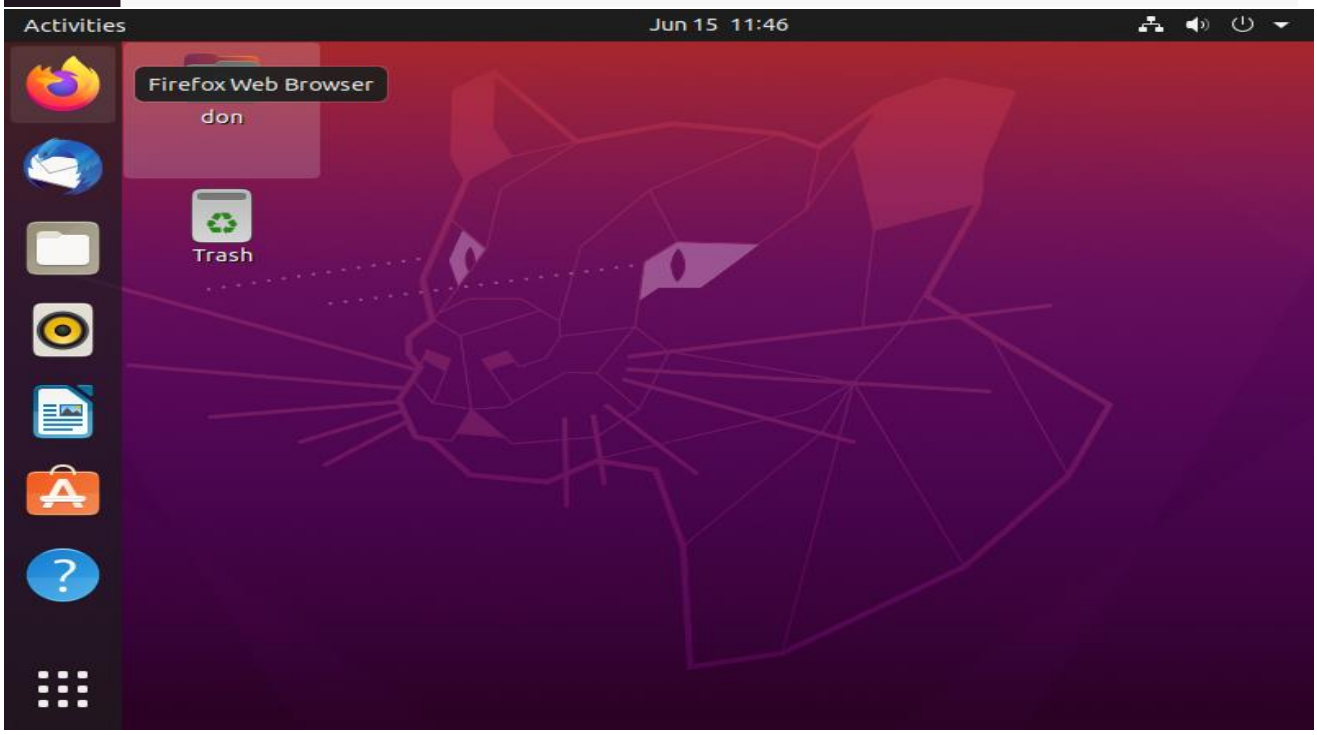
S2 MCA

Roll_no:216

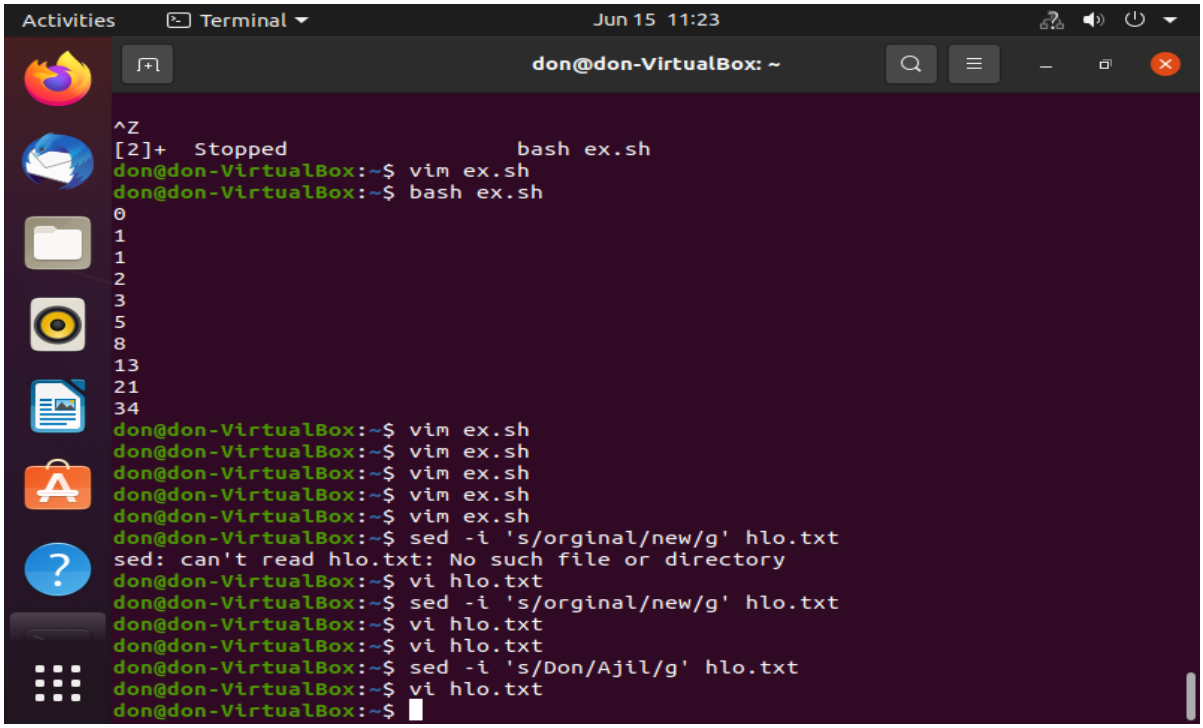
1.



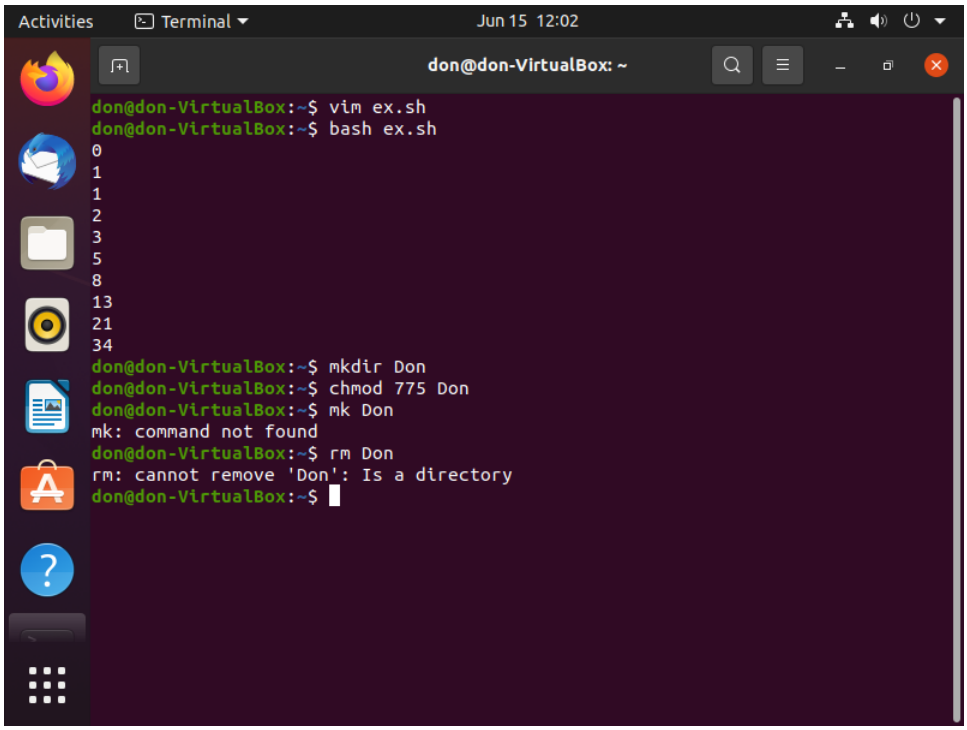

Activities
Welcome to Ubuntu
Jun 15 10:17
Previous
Ready to go
Done
You're ready to go!
You can use “Software” to install apps like these:
Open “Software” now

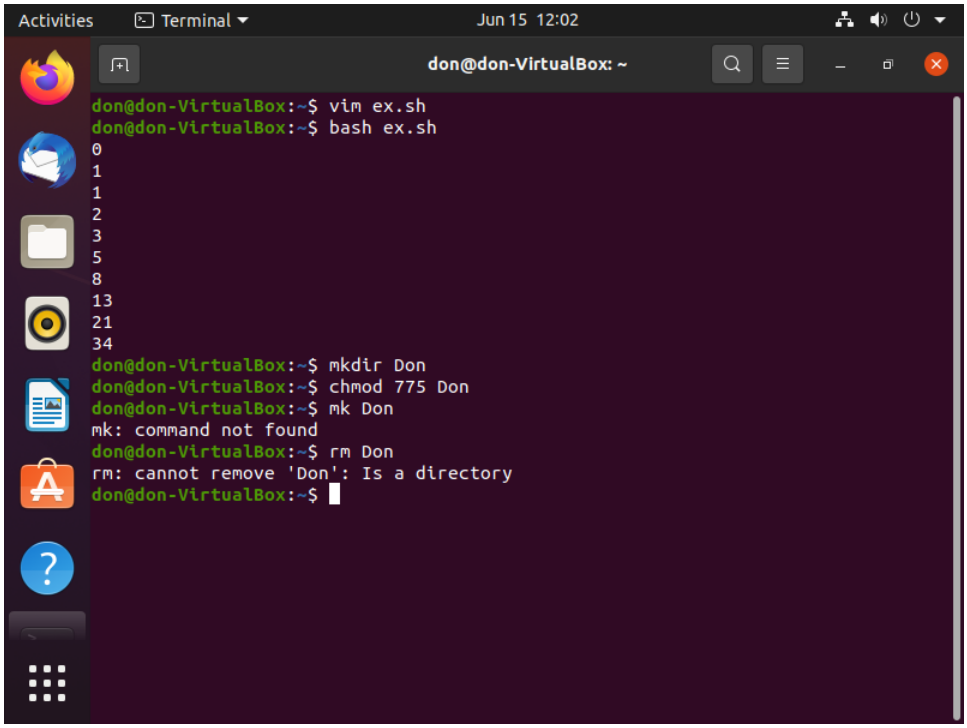

Activities
Jun 15 11:46
Firefox Web Browser
don
Trash

2.

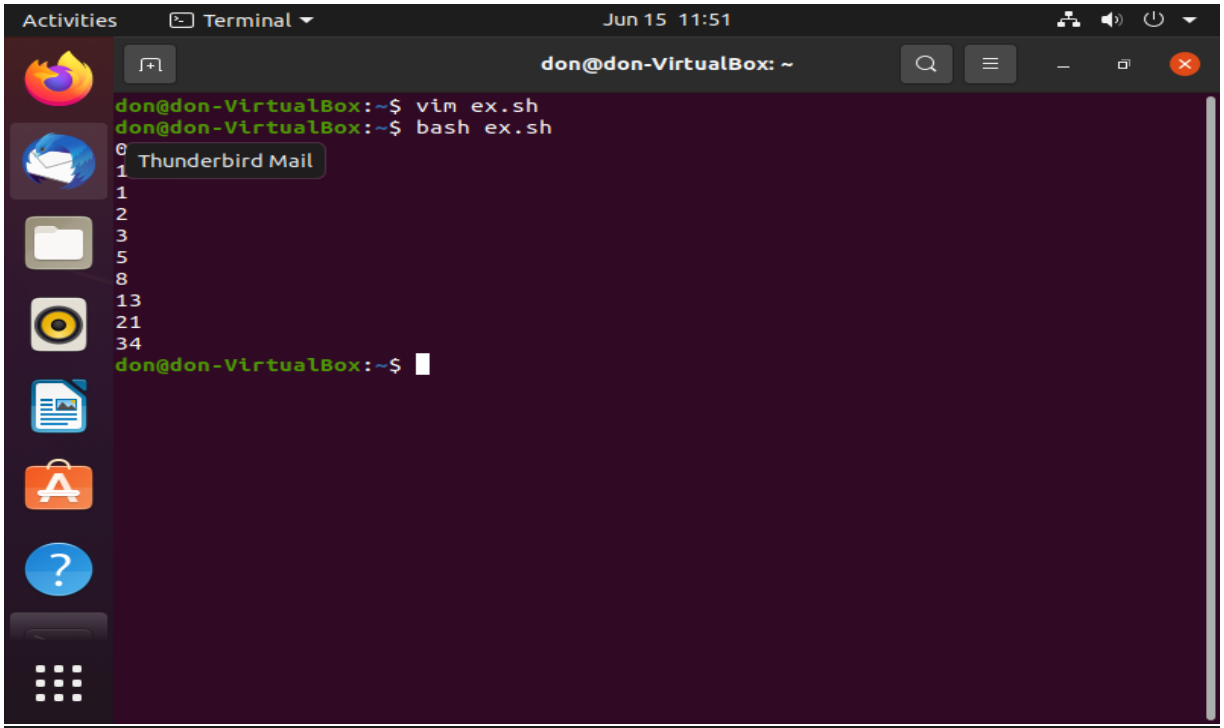

Activities
Terminal
Jun 15 11:23
don@don-VirtualBox: ~
^Z
[2]+ Stopped bash ex.sh
don@don-VirtualBox:~$ vim ex.sh
don@don-VirtualBox:~$ bash ex.sh
0
1
1
2
3
5
8
13
21
34
don@don-VirtualBox:~$ vim ex.sh
don@don-VirtualBox:~$ vim ex.sh
don@don-VirtualBox:~$ vim ex.sh
don@don-VirtualBox:~$ vim ex.sh
don@don-VirtualBox:~$ vim ex.sh
don@don-VirtualBox:~$ sed -i 's/orginal/new/g' hlo.txt
sed: can't read hlo.txt: No such file or directory
don@don-VirtualBox:~$ vi hlo.txt
don@don-VirtualBox:~$ sed -i 's/orginal/new/g' hlo.txt
don@don-VirtualBox:~$ vi hlo.txt
don@don-VirtualBox:~$ vi hlo.txt
don@don-VirtualBox:~$ sed -i 's/Don/Ajil/g' hlo.txt
don@don-VirtualBox:~$ vi hlo.txt
don@don-VirtualBox:~$

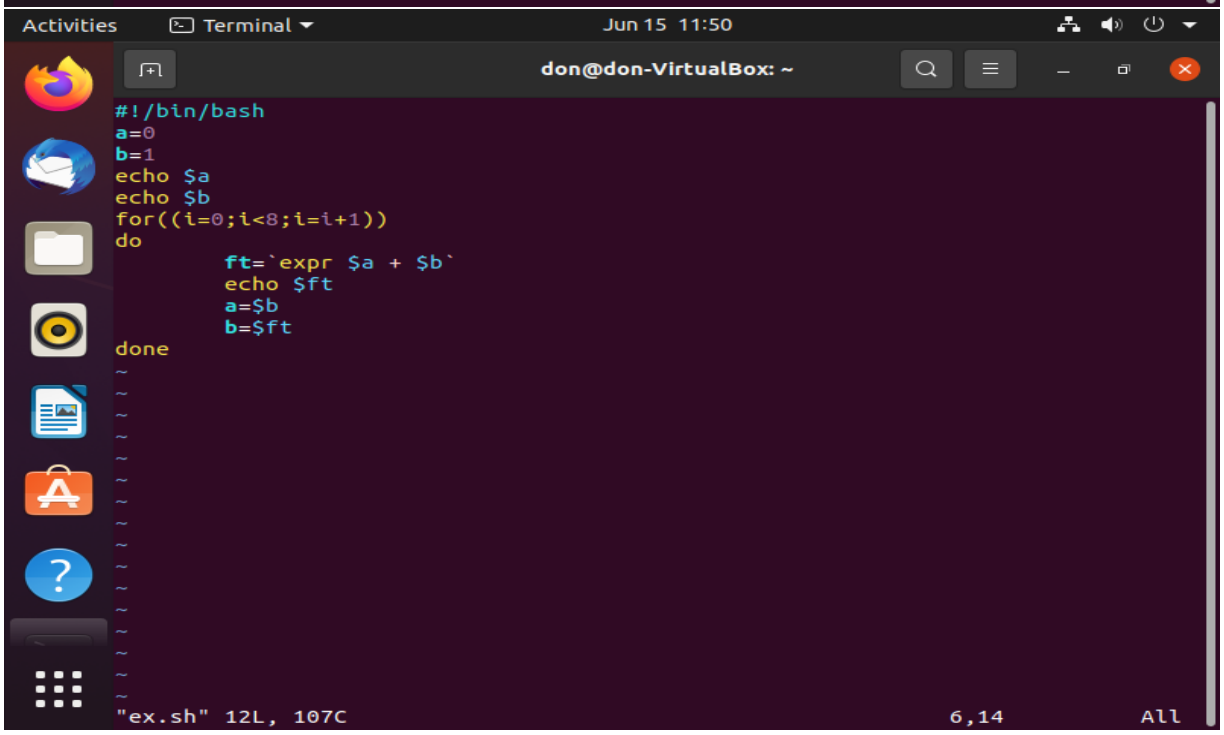
3.


Activities
Terminal
Jun 15 12:02
don@don-VirtualBox: ~
don@don-VirtualBox:~$ vim ex.sh
don@don-VirtualBox:~$ bash ex.sh
0
1
1
2
3
5
8
13
21
34
don@don-VirtualBox:~$ mkdir Don
don@don-VirtualBox:~$ chmod 775 Don
don@don-VirtualBox:~$ mk Don
mk: command not found
don@don-VirtualBox:~$ rm Don
rm: cannot remove 'Don': Is a directory
don@don-VirtualBox:~$


Activities
Terminal
Jun 15 12:02
don@don-VirtualBox: ~
don@don-VirtualBox:~$ vim ex.sh
don@don-VirtualBox:~$ bash ex.sh
0
1
1
2
3
5
8
13
21
34
don@don-VirtualBox:~$ mkdir Don
don@don-VirtualBox:~$ chmod 775 Don
don@don-VirtualBox:~$ mk Don
mk: command not found
don@don-VirtualBox:~$ rm Don
rm: cannot remove 'Don': Is a directory
don@don-VirtualBox:~$

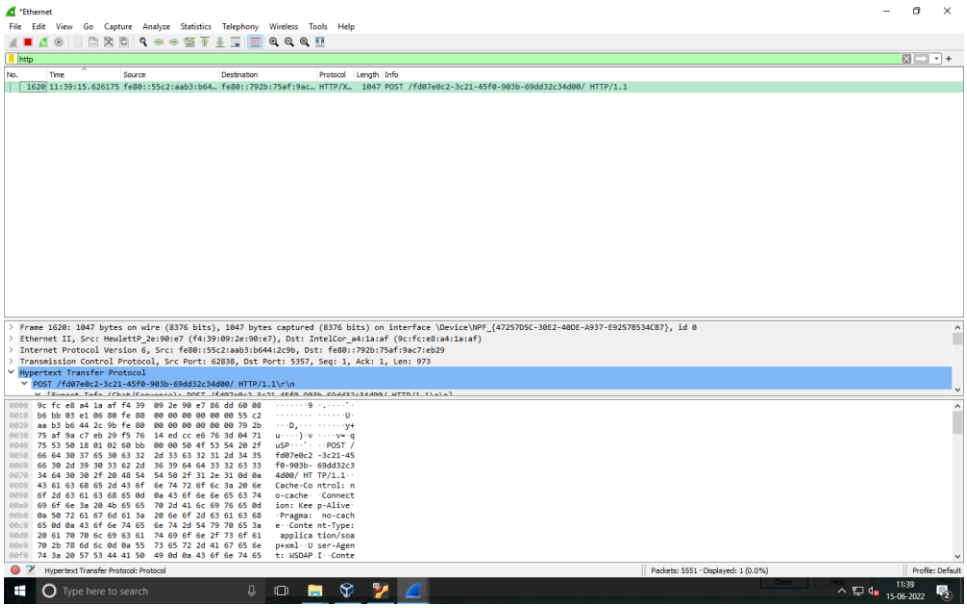
4.

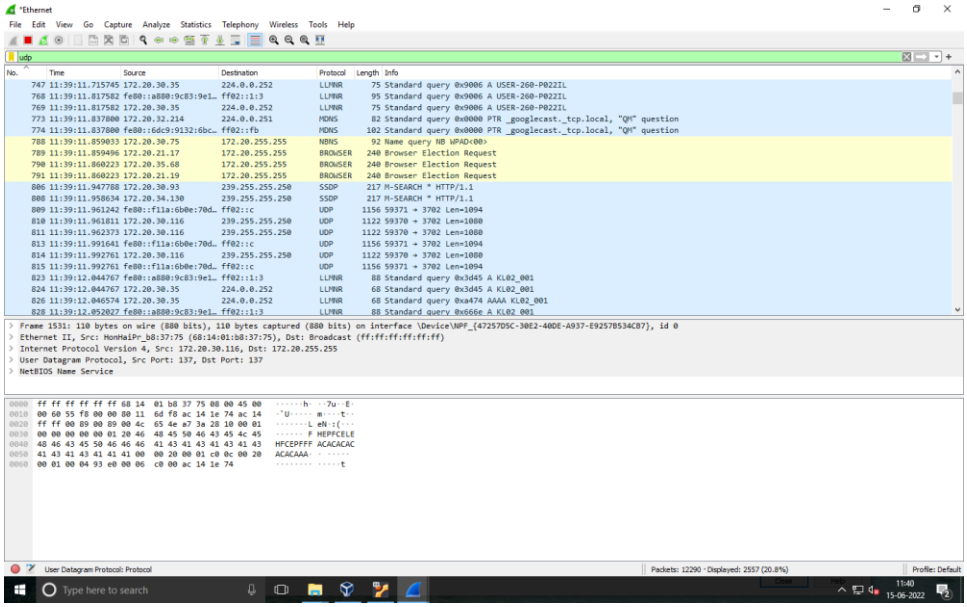

Activities
Terminal
Jun 15 11:51
don@don-VirtualBox: ~
don@don-VirtualBox:~$ vim ex.sh
don@don-VirtualBox:~$ bash ex.sh
0
1
1
2
3
5
8
13
21
34
don@don-VirtualBox:~$
Thunderbird Mail

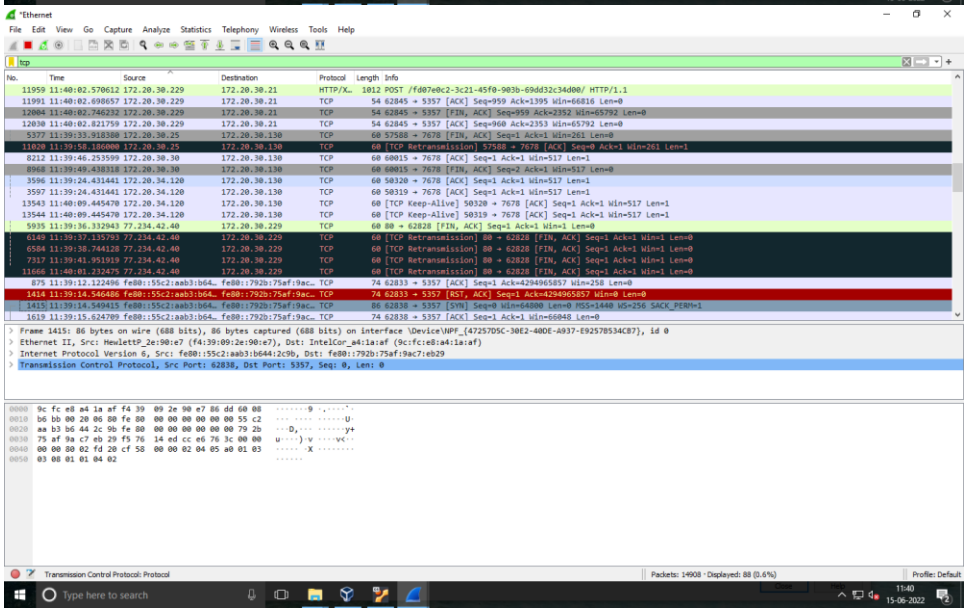

Activities
Terminal
Jun 15 11:50
don@don-VirtualBox: ~
#!/bin/bash
a=0
b=1
echo $a
echo $b
for((i=0;i<8;i=i+1))
do
ft=`expr $a + $b`
echo $ft
a=$b
b=$ft
done
"ex.sh" 12L, 107C
6,14
All

5.

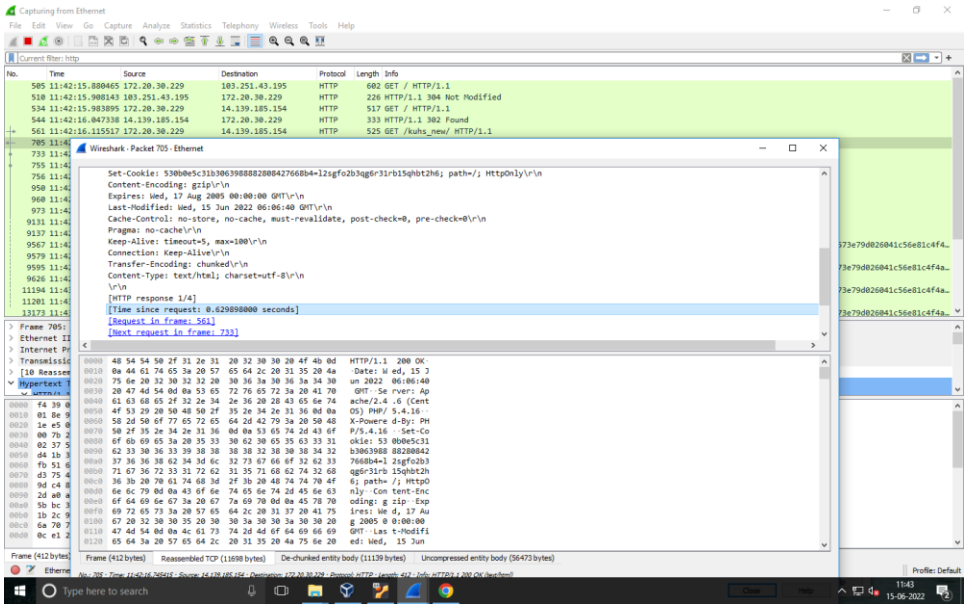
A)


*Ethernet
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
http
No. Time Source Destination Protocol Length Info
1620 11:39:15.626175 fe80::55c2:aab3:b64… fe80::792b:75af:9ac… HTTP/X… 1047 POST /fd07e0c2-3c21-45f0-903b-69dd32c34d00/ HTTP/1.1
Frame 1620: 1047 bytes on wire (8376 bits), 1047 bytes captured (8376 bits) on interface \Device\NPF_{47257D5C-30E2-40DE-A937-E92578534C87}, id 0
Ethernet II, Src: HewlettP_2e:90:e7 (f4:39:09:2e:90:e7), Dst: IntelCor_a4:1a:af (9c:fc:e8:a4:1a:af)
Internet Protocol Version 6, Src: fe80::55c2:aab3:b644:2c9b, Dst: fe80::792b:75af:9ac7:eb29
Transmission Control Protocol, Src Port: 62838, Dst Port: 5357, Seq: 1, Ack: 1, Len: 973
Hypertext Transfer Protocol
POST /fd07e0c2-3c21-45f0-903b-69dd32c34d00/ HTTP/1.1\r\n
Hypertext Transfer Protocol: Protocol
Packets: 5551 · Displayed: 1 (0.0%)
Profile: Default
Type here to search
11:39
15-06-2022

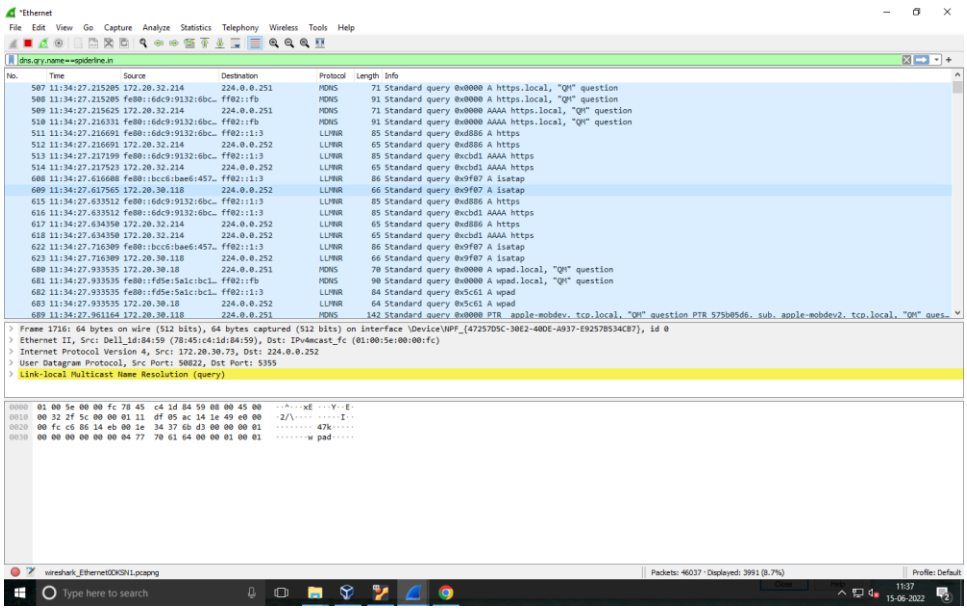

*Ethernet
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
udp
No. Time Source Destination Protocol Length Info
747 11:39:11.715745 172.20.30.35 224.0.0.252 LLMNR 75 Standard query 0x9006 A USER-260-P022IL
768 11:39:11.817582 fe80::a880:9c83:9e1… ff02::1:3 LLMNR 95 Standard query 0x9006 A USER-260-P022IL
769 11:39:11.817582 172.20.30.35 224.0.0.252 LLMNR 75 Standard query 0x9006 A USER-260-P022IL
773 11:39:11.837800 172.20.32.214 224.0.0.251 MDNS 82 Standard query 0x0000 PTR _googlecast._tcp.local, "QM" question
774 11:39:11.837800 fe80::6dc9:9132:6bc… ff02::fb MDNS 102 Standard query 0x0000 PTR _googlecast._tcp.local, "QM" question
788 11:39:11.859033 172.20.30.75 172.20.255.255 NBNS 92 Name query NB WPAD<00>
789 11:39:11.859496 172.20.21.17 172.20.255.255 BROWSER 240 Browser Election Request
790 11:39:11.860223 172.20.35.68 172.20.255.255 BROWSER 240 Browser Election Request
791 11:39:11.860223 172.20.21.19 172.20.255.255 BROWSER 240 Browser Election Request
806 11:39:11.947788 172.20.30.93 239.255.255.250 SSDP 217 M-SEARCH * HTTP/1.1
808 11:39:11.958634 172.20.34.130 239.255.255.250 SSDP 217 M-SEARCH * HTTP/1.1
809 11:39:11.961242 fe80::f11a:6b0e:70d… ff02::c UDP 1156 59371 → 3702 Len=1094
810 11:39:11.961811 172.20.30.116 239.255.255.250 UDP 1122 59370 → 3702 Len=1080
811 11:39:11.962373 172.20.30.116 239.255.255.250 UDP 1122 59370 → 3702 Len=1080
813 11:39:11.991641 fe80::f11a:6b0e:70d… ff02::c UDP 1156 59371 → 3702 Len=1094
814 11:39:11.992761 172.20.30.116 239.255.255.250 UDP 1122 59370 → 3702 Len=1080
815 11:39:11.992761 fe80::f11a:6b0e:70d… ff02::c UDP 1156 59371 → 3702 Len=1094
823 11:39:12.044767 fe80::a880:9c83:9e1… ff02::1:3 LLMNR 88 Standard query 0x3d45 A KL02_001
824 11:39:12.044767 172.20.30.35 224.0.0.252 LLMNR 68 Standard query 0x3d45 A KL02_001
826 11:39:12.046574 172.20.30.35 224.0.0.252 LLMNR 68 Standard query 0xa474 AAAA KL02_001
828 11:39:12.052027 fe80::a880:9c83:9e1… ff02::1:3 LLMNR 88 Standard query 0x666e A KL02_001
Frame 1531: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface \Device\NPF_{47257D5C-30E2-40DE-A937-E92578534C87}, id 0
Ethernet II, Src: HonHaiPr_b8:37:75 (68:14:01:b8:37:75), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
Internet Protocol Version 4, Src: 172.20.30.116, Dst: 172.20.255.255
User Datagram Protocol, Src Port: 137, Dst Port: 137
NetBIOS Name Service
User Datagram Protocol: Protocol
Packets: 12290 · Displayed: 2557 (20.8%)
Profile: Default
Type here to search
11:40
15-06-2022


*Ethernet
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
tcp
No. Time Source Destination Protocol Length Info
11959 11:40:02.570612 172.20.30.229 172.20.30.21 HTTP/X… 1012 POST /fd07e0c2-3c21-45f0-903b-69dd32c34d00/ HTTP/1.1
11991 11:40:02.698657 172.20.30.229 172.20.30.21 TCP 54 62845 → 5357 [ACK] Seq=959 Ack=1395 Win=66816 Len=0
12004 11:40:02.746232 172.20.30.229 172.20.30.21 TCP 54 62845 → 5357 [FIN, ACK] Seq=959 Ack=2352 Win=65792 Len=0
12030 11:40:02.821759 172.20.30.229 172.20.30.21 TCP 54 62845 → 5357 [ACK] Seq=960 Ack=2353 Win=65792 Len=0
5377 11:39:33.918380 172.20.30.25 172.20.30.130 TCP 60 57588 → 7678 [FIN, ACK] Seq=1 Ack=1 Win=261 Len=0
11020 11:39:58.186000 172.20.30.25 172.20.30.130 TCP 60 [TCP Retransmission] 57588 → 7678 [ACK] Seq=0 Ack=1 Win=261 Len=1
8212 11:39:46.253599 172.20.30.30 172.20.30.130 TCP 60 60015 → 7678 [ACK] Seq=1 Ack=1 Win=517 Len=1
8968 11:39:49.438318 172.20.30.30 172.20.30.130 TCP 60 60015 → 7678 [FIN, ACK] Seq=2 Ack=1 Win=517 Len=0
3596 11:39:24.431441 172.20.34.120 172.20.30.130 TCP 60 50320 → 7678 [ACK] Seq=1 Ack=1 Win=517 Len=1
3597 11:39:24.431441 172.20.34.120 172.20.30.130 TCP 60 50319 → 7678 [ACK] Seq=1 Ack=1 Win=517 Len=1
13543 11:40:09.445470 172.20.34.120 172.20.30.130 TCP 60 [TCP Keep-Alive] 50320 → 7678 [ACK] Seq=1 Ack=1 Win=517 Len=1
13544 11:40:09.445470 172.20.34.120 172.20.30.130 TCP 60 [TCP Keep-Alive] 50319 → 7678 [ACK] Seq=1 Ack=1 Win=517 Len=1
5935 11:39:36.332943 77.234.42.40 172.20.30.229 TCP 60 80 → 62828 [FIN, ACK] Seq=1 Ack=1 Win=1 Len=0
6149 11:39:37.135793 77.234.42.40 172.20.30.229 TCP 60 [TCP Retransmission] 80 → 62828 [FIN, ACK] Seq=1 Ack=1 Win=1 Len=0
6584 11:39:38.744128 77.234.42.40 172.20.30.229 TCP 60 [TCP Retransmission] 80 → 62828 [FIN, ACK] Seq=1 Ack=1 Win=1 Len=0
7317 11:39:41.951918 77.234.42.40 172.20.30.229 TCP 60 [TCP Retransmission] 80 → 62828 [FIN, ACK] Seq=1 Ack=1 Win=1 Len=0
11666 11:40:01.232475 77.234.42.40 172.20.30.229 TCP 60 [TCP Retransmission] 80 → 62828 [FIN, ACK] Seq=1 Ack=1 Win=1 Len=0
875 11:39:12.122496 fe80::55c2:aab3:b64… fe80::792b:75af:9ac… TCP 74 62833 → 5357 [ACK] Seq=1 Ack=4294965857 Win=258 Len=0
1414 11:39:14.546486 fe80::55c2:aab3:b64… fe80::792b:75af:9ac… TCP 74 62833 → 5357 [RST, ACK] Seq=1 Ack=4294965857 Win=0 Len=0
1415 11:39:14.549415 fe80::55c2:aab3:b64… fe80::792b:75af:9ac… TCP 86 62838 → 5357 [SYN] Seq=0 Win=64000 Len=0 MSS=1440 WS=256 SACK_PERM=1
1619 11:39:15.624709 fe80::55c2:aab3:b64… fe80::792b:75af:9ac… TCP 74 62838 → 5357 [ACK] Seq=1 Ack=1 Win=66048 Len=0
Frame 1415: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface \Device\NPF_{47257D5C-30E2-40DE-A937-E92578534C87}, id 0
Ethernet II, Src: HewlettP_2e:90:e7 (f4:39:09:2e:90:e7), Dst: IntelCor_a4:1a:af (9c:fc:e8:a4:1a:af)
Internet Protocol Version 6, Src: fe80::55c2:aab3:b644:2c9b, Dst: fe80::792b:75af:9ac7:eb29
Transmission Control Protocol, Src Port: 62838, Dst Port: 5357, Seq: 0, Len: 0
Transmission Control Protocol: Protocol
Packets: 14908 · Displayed: 88 (0.6%)
Profile: Default
Type here to search
11:40
15-06-2022

B)


Capturing from Ethernet
Wireshark · Packet 705 · Ethernet
Set-Cookie: 530b0e5c31b30639888828804276 68b4=l2sgfo2b3qg6r31rb15qhbt2h6; path=/; HttpOnly\r\n
Content-Encoding: gzip\r\n
Expires: Wed, 17 Aug 2005 00:00:00 GMT\r\n
Last-Modified: Wed, 15 Jun 2022 06:06:40 GMT\r\n
Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0\r\n
Pragma: no-cache\r\n
Keep-Alive: timeout=5, max=100\r\n
Connection: Keep-Alive\r\n
Transfer-Encoding: chunked\r\n
Content-Type: text/html; charset=utf-8\r\n
\r\n
[HTTP response 1/4]
[Time since request: 0.629898000 seconds]
[Request in frame: 561]
[Next request in frame: 733]
Frame (412 bytes)
Reassembled TCP (11698 bytes)
De-chunked entity body (11139 bytes)
Uncompressed entity body (56473 bytes)
Type here to search

C)


*Ethernet
dns.qry.name==spiderline.in
Frame 1716: 64 bytes on wire (512 bits), 64 bytes captured (512 bits) on interface \Device\NPF_{47257D5C-30E2-40DE-A937-E92578534CB7}, id 0
Ethernet II, Src: Dell_1d:84:59 (78:45:c4:1d:84:59), Dst: IPv4mcast_fc (01:00:5e:00:00:fc)
Internet Protocol Version 4, Src: 172.20.30.73, Dst: 224.0.0.252
User Datagram Protocol, Src Port: 50822, Dst Port: 5355
Link-local Multicast Name Resolution (query)
wireshark_Ethernet0DKSN1.pcapng
Packets: 46037 · Displayed: 3991 (8.7%)
Profile: Default
Type here to search