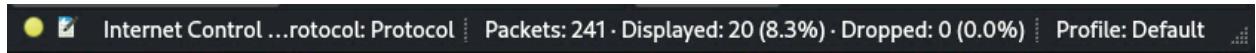
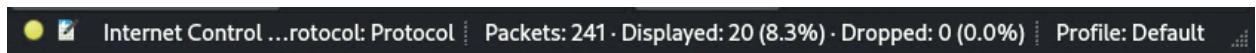


TASK A

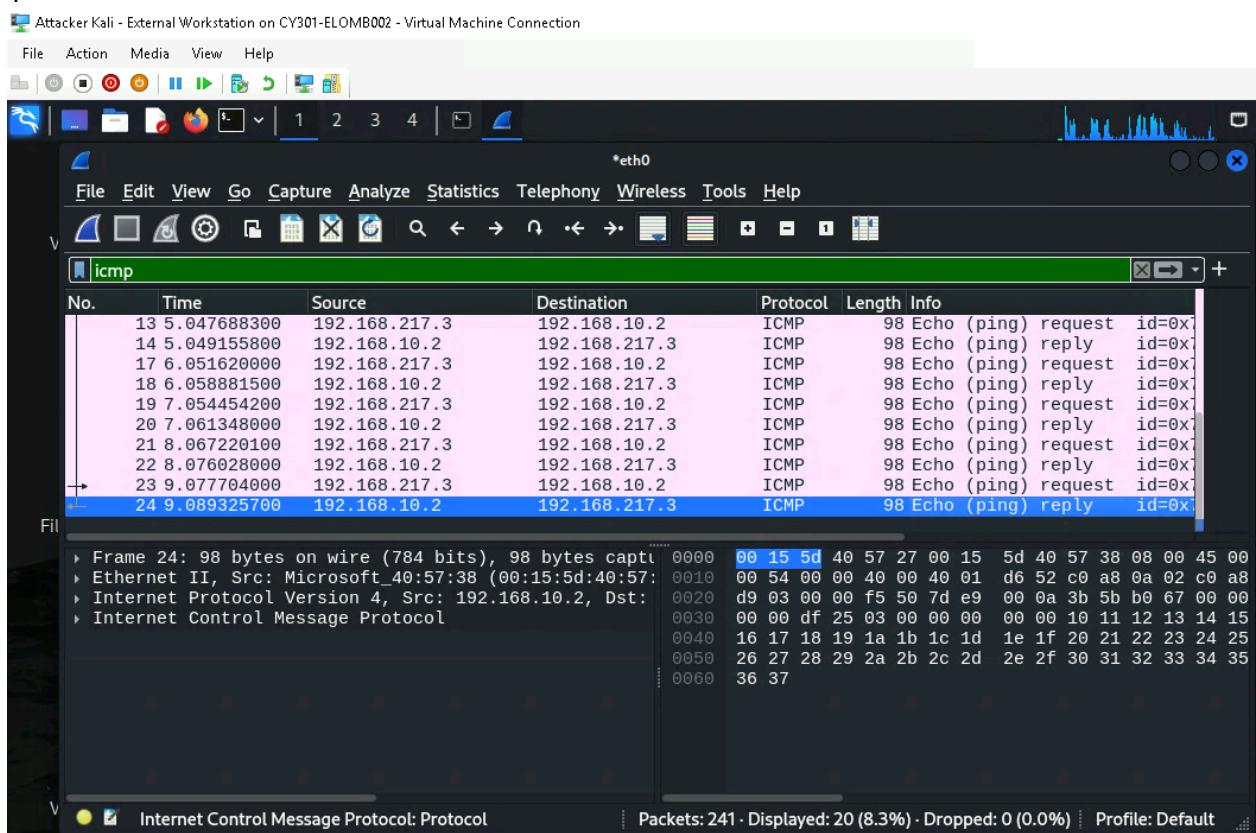
q1



Q2



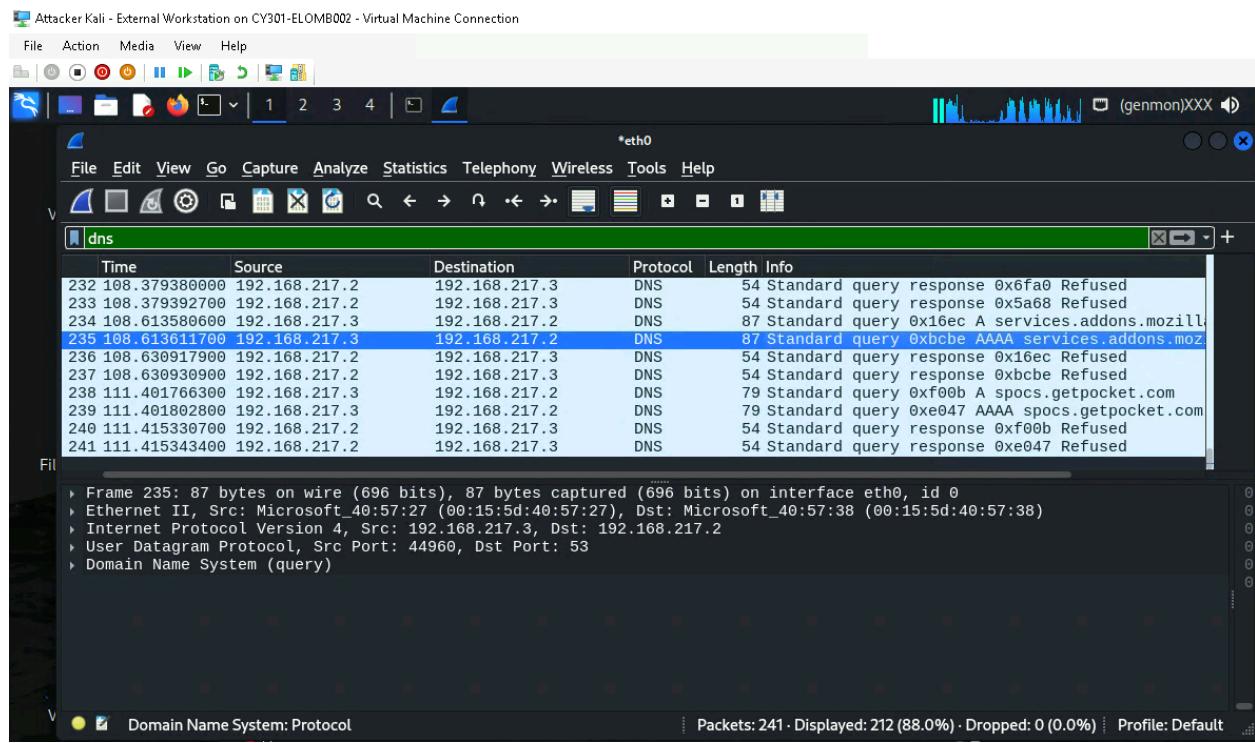
q3



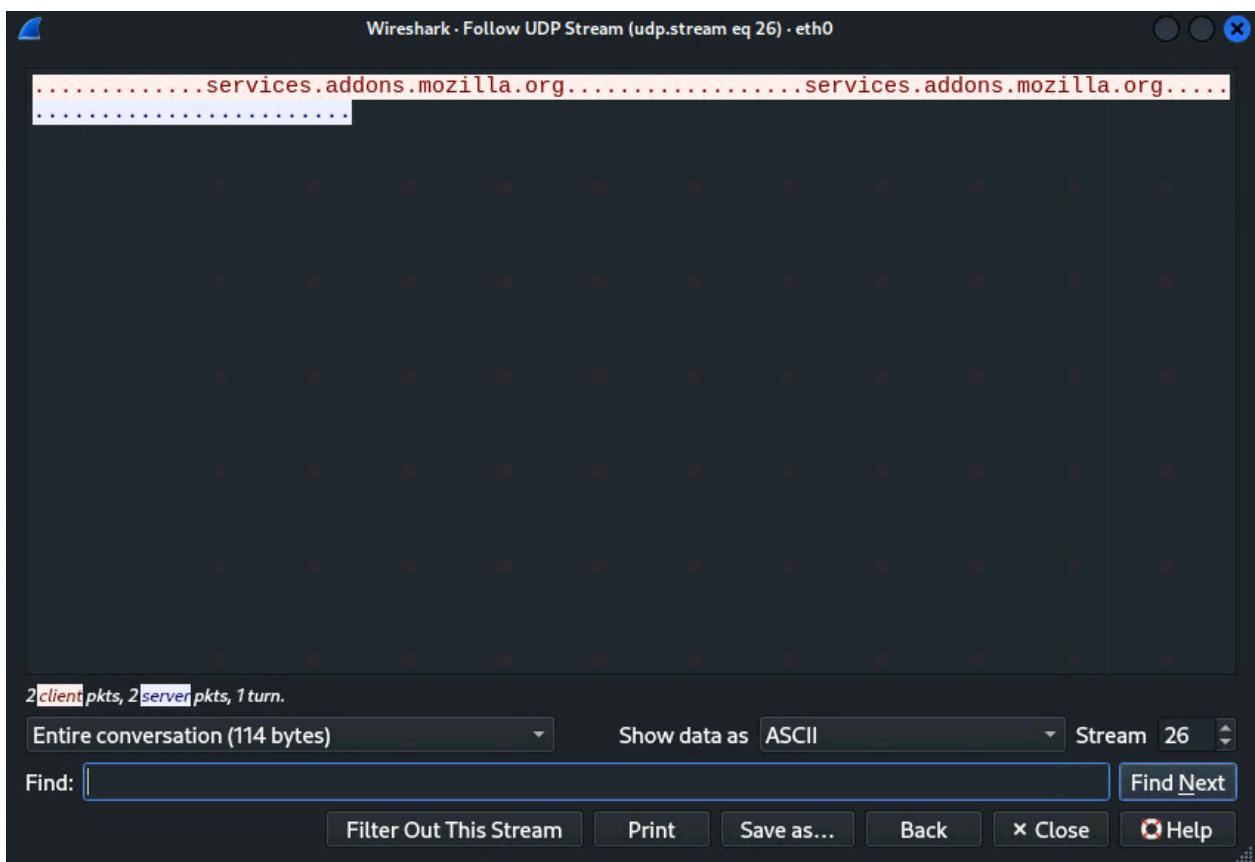
q4



q5



Q6



TASK B

Q1

The screenshot shows the Wireshark interface with the following details:

- File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help**
- File**: Opened file named "icmp.pcapng" located at "/tmp/icmp.pcapng".
- Capture**: Interface set to "eth0".
- Analyze**: Protocol set to "Internet Control Message Protocol: Protocol".
- Statistics**: Packets: 23 · Displayed: 20 (87.0%)
- Telephony**, **Wireless**, **Tools**, **Help** menus are also visible.

Panels:

- Packet List**: Shows 23 total packets, 20 displayed. The list includes columns: Time, Source, Destination, Protocol, Length, Info. The "Info" column shows details like "ICMP 98 Echo (ping) request id=0x5705, seq=6/1536, ttl=63 (reply in ...)".
- Details**: Shows the structure of the ICMP message, including fields like Type, Code, Checksum, and various sequence numbers.
- Bytes**: Shows the raw hex and ASCII representation of the captured data.

Bottom Status Bar:

- Packets: 23 · Displayed: 20 (87.0%)
- Profile: Default

Q2

No.	Time	Source	Destination	Protocol	Length	Info
10	9.610557100	192.168.10.18	192.168.217.3	FTP	86	Response: 220 (vsFTPD 3.0.5)
12	14.354218200	192.168.217.3	192.168.10.18	FTP	80	Request: USER student
14	14.354244000	192.168.10.18	192.168.217.3	FTP	100	Response: 331 Please specify the password.
16	18.078148800	192.168.217.3	192.168.10.18	FTP	81	Request: PASS password
17	18.122264300	192.168.10.18	192.168.217.3	FTP	89	Response: 230 Login successful.

Q3

No.	Time	Source	Destination	Protocol	Length	Info
22	18.14.146807200	192.168.10.18	192.168.217.3	FTP	81	Response: 211-Features:
23	18.14.146819500	192.168.10.18	192.168.217.3	FTP	87	Response: EPRT
24	18.14.146831800	192.168.10.18	192.168.217.3	FTP	110	Response: PASV
27	54.570826500	192.168.217.3	192.168.10.18	FTP	72	Request: EPSV
28	54.570841100	192.168.10.18	192.168.217.3	FTP	114	Response: 229 Entering Extended Passive Mode (39258)
57	197.698230700	192.168.10.18	192.168.217.3	FTP	86	Response: 220 (vsFTPD 3.0.5)
61	202.728992200	192.168.217.3	192.168.10.18	FTP	81	Request: USER elombo002
63	202.730021600	192.168.10.18	192.168.217.3	FTP	100	Response: 331 Please specify the password.
65	220.588978400	192.168.217.3	192.168.10.18	FTP	81	Request: PASS 01206946
67	223.377698600	192.168.10.18	192.168.217.3	FTP	88	Response: 530 Login incorrect.