## MIDSEM LAB

NAME - DEV GOEL ID - 2019A7PS0236G

## Q1 -

All steps can be seen in the screenshots below:



```
### PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

519-331;

343-724;

594-504;

594-504;

595-305;

464-604;

377/348;

595-338;

348-574;

493-229;

217/288;

Found - 359-319;

Answer = 718goeldev@DESKTOP-IRT9VRS:/mnt/c/Users/goeld/Desktop/Bits Stuff/3-2/

CN/LAB/Lab-Midsem$ []

Answer = 718goeldev@DESKTOP-IRT9VRS:/mnt/c/Users/goeld/Desktop/Bits Stuff/3-2/

CN/LAB/Lab-Midsem$ []

Answer = 718goeldev@DESKTOP-IRT9VRS:/mnt/c/Users/goeld/Desktop/Bits Stuff/3-2/

CN/LAB/Lab-Midsem$ []

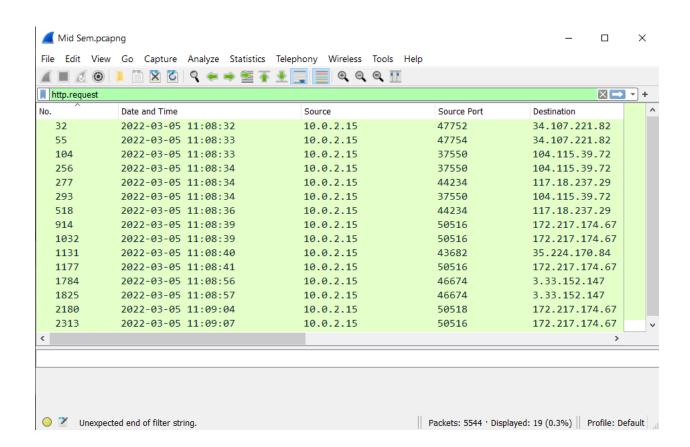
Answer = 718goeldev@DESKTOP-IRT9VRS:/mnt/c/Users/goeld/Desktop/Bits Stuff/3-2/

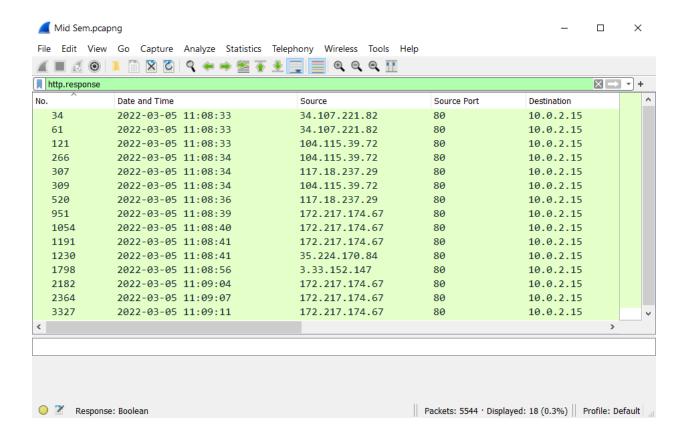
CN/LAB/Lab-Midsem$ []
```

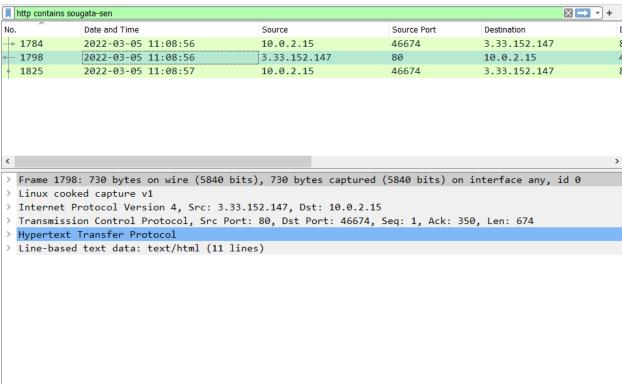
## Q2 -

1.

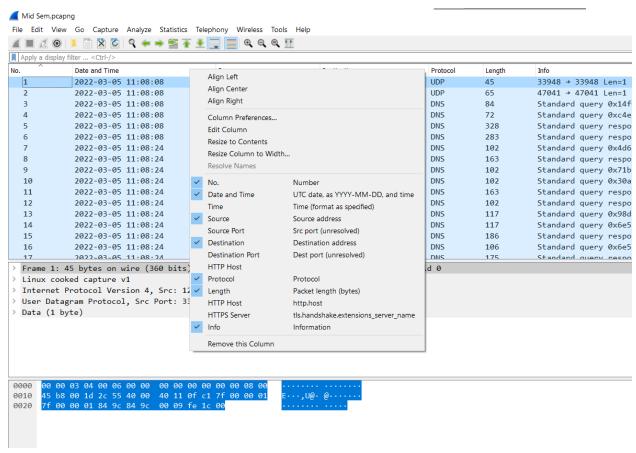
http.request									× 🖚 ×
	Date and Time	Source	Source Port	Destination	Destination Port	Protocol	Length	Info	
32	2022-03-05 11:08:32	10.0.2.15	47752	34.107.221.82	80	HTTP	355	GET /canonical.html HTTP/1.1	
55	2022-03-05 11:08:33	10.0.2.15	47754	34.107.221.82	80	HTTP	357	GET /success.txt?ipv4 HTTP/1.1	
104	2022-03-05 11:08:33	10.0.2.15	37550	104.115.39.72	80	OCSP	477	Request	
256	2022-03-05 11:08:34	10.0.2.15	37550	104.115.39.72	80	OCSP	477	Request	
277	2022-03-05 11:08:34	10.0.2.15	44234	117.18.237.29	80	OCSP	478	Request	
293	2022-03-05 11:08:34	10.0.2.15	37550	104.115.39.72	80	OCSP	477	Request	
518	2022-03-05 11:08:36	10.0.2.15	44234	117.18.237.29	80	OCSP	478	Request	
914	2022-03-05 11:08:39	10.0.2.15	50516	172.217.174.67	80	OCSP	481	Request	
1032	2022-03-05 11:08:39	10.0.2.15	50516	172.217.174.67	80	OCSP	480	Request	
1131	2022-03-05 11:08:40	10.0.2.15	43682	35.224.170.84	80	HTTP	143	GET / HTTP/1.1	
1177	2022-03-05 11:08:41	10.0.2.15	50516	172.217.174.67	80	OCSP	480	Request	
1784	2022-03-05 11:08:56	10.0.2.15	46674	3.33.152.147	80	HTTP	405	GET / HTTP/1.1	
1825	2022-03-05 11:08:57	10.0.2.15	46674	3.33.152.147	80	HTTP	364	GET /favicon.ico HTTP/1.1	
2180	2022-03-05 11:09:04	10.0.2.15	50518	172.217.174.67	80	OCSP	480	Request	
2313	2022-03-05 11:09:07	10.0.2.15	50516	172.217.174.67	80	OCSP	481	Request	
3305	2022-03-05 11:09:11	10.0.2.15	50516	172.217.174.67	80	OCSP	481	Request	
4007	2022-03-05 11:09:13	10.0.2.15	50522	172.217.174.67	80	OCSP	480	Request	
4826	2022-03-05 11:09:17	10.0.2.15	44238	117.18.237.29	80	OCSP	478	Request	
5080	2022-03-05 11:09:18	10.0.2.15	44234	117.18.237.29	80	OCSP	478	Request	
Linux co Internet Transmis Hypertex	05: 481 bytes on wire (3848 oked capture v1 Protocol Version 4, Src: 16 sion Control Protocol, Src F t Transfer Protocol ertificate Status Protocol	0.0.2.15, Dst: 172.217	.174.67						

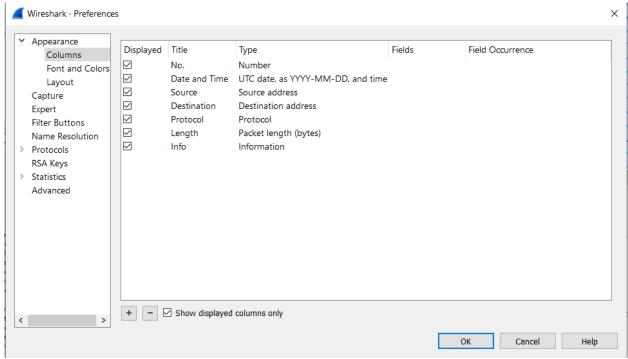


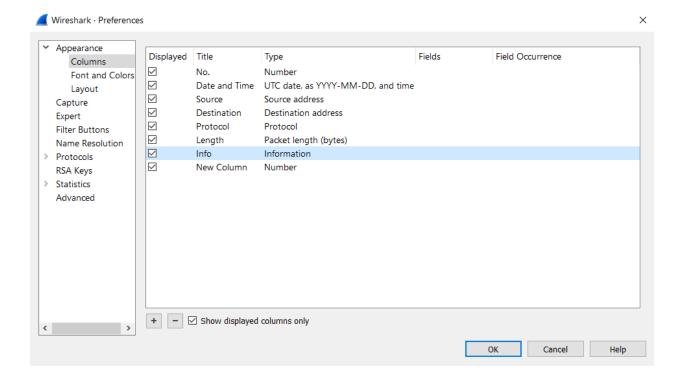


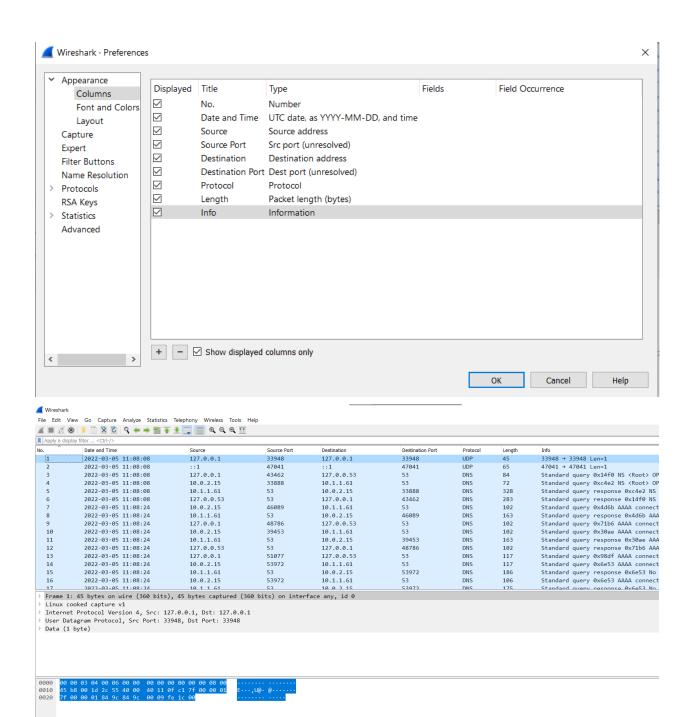


4. Go to Column Preferences -> Add the required columns. The steps are shown in the	
screenshots below:	









## 6.

	sougata-sen								<b>⊠</b> □ •)+	
	Time	Source	Destination	Source Port	Destination Port	Protocol	Length	Info		
1784	0.000	10.0.2.15	3.33.152.147	46674	80	HTTP	405	GET / HTTP/1.1		
1798	0.543	3.33.152.147	10.0.2.15	80	46674	HTTP	730	HTTP/1.1 200 OK (text/html)		
1825	0.337	10.0.2.15	3.33.152.147	46674	80	HTTP	364	GET /favicon.ico HTTP/1.1		
			.152.147, Dst: 10.0.2.15							
		l Protocol, Src Port	t: 80, Dst Port: 46674,	5eq: 1, Ack: 350,	Len: 674					
	ce Port: 80									
	ination Port:									
	eam index: 57									
	[Conversation completeness: Complete, WITH_DATA (63)]									
	[TCP Segment Len: 674]									
Sequ	ence Number:	1 (relative sequ	ence number)							
		raw): 2536200706								
			ive sequence number)]							
Acknowledgment Number: 350 (relative ack number)										
Ackn	owledgment nu	mber (raw): 7176664	27							
0101	= Heade	er Length: 20 bytes	(5)							
Flags: 0x018 (PSH, ACK)										
Window: 65535										
[Calculated window size: 65535]										
[Window size scaling factor: -2 (no window scaling used)]										
Checksum: 0x247b [unverified]										
[Checksum Status: Unverified]										
Ungo	at Dainton. (									