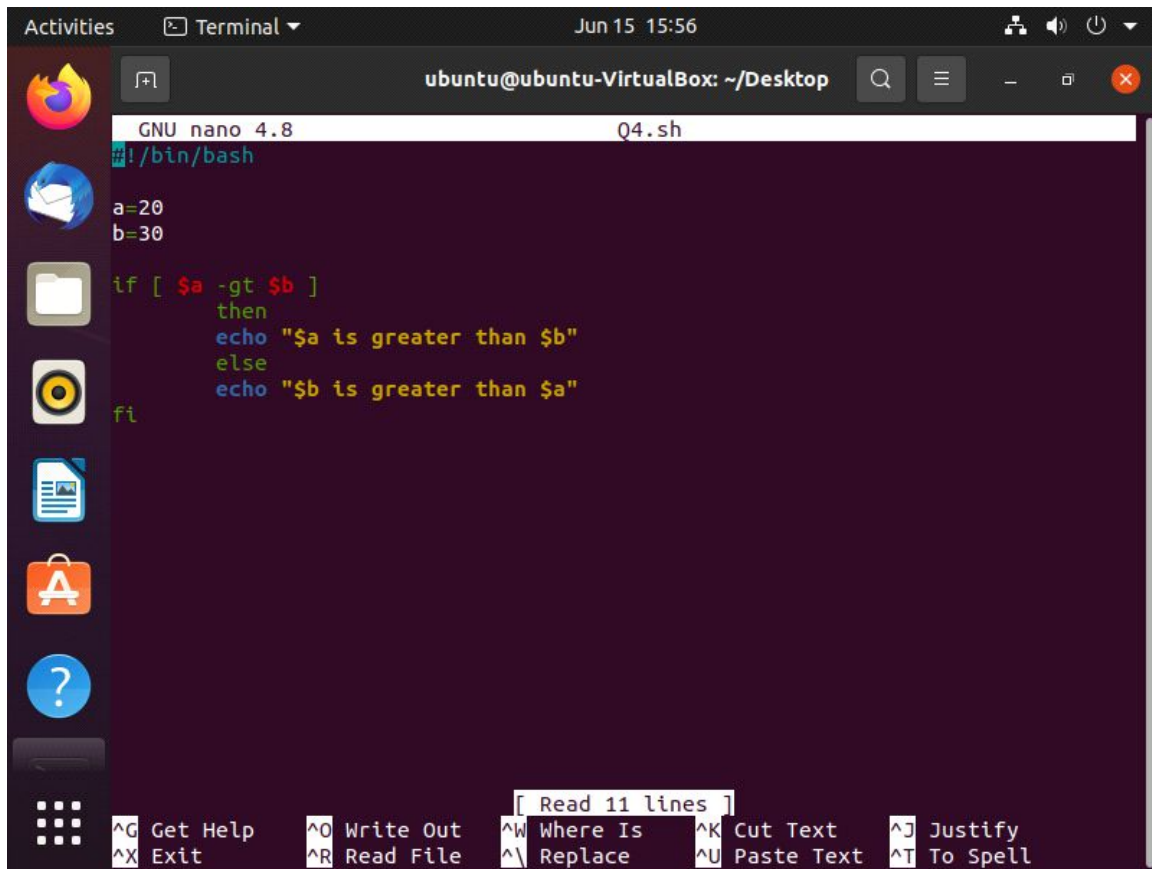


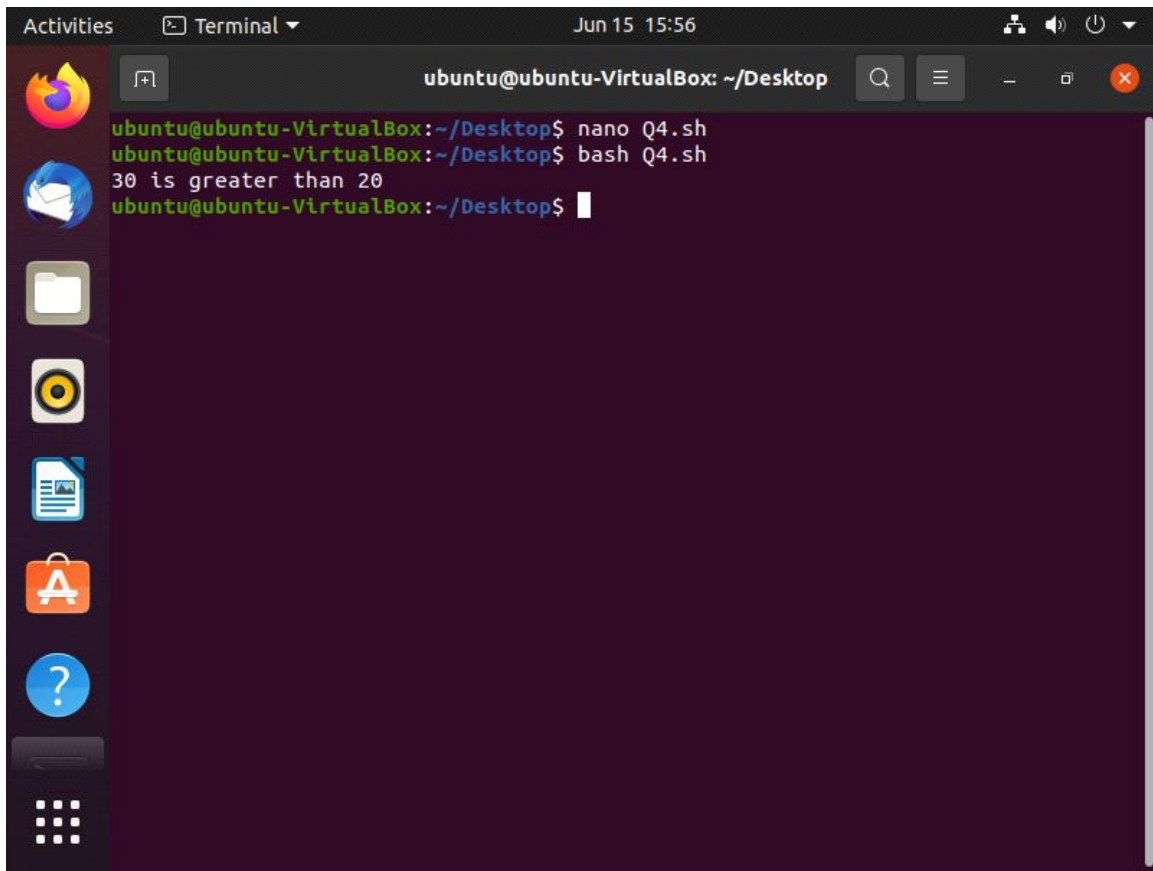
Question-4



```
ubuntu@ubuntu-VirtualBox: ~/Desktop
GNU nano 4.8 Q4.sh
#!/bin/bash
a=20
b=30
if [ $a -gt $b ]
then
echo "$a is greater than $b"
else
echo "$b is greater than $a"
fi
```

Read 11 lines

^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify
^X Exit ^R Read File ^_ Replace ^U Paste Text ^T To Spell



The image shows a terminal window titled "Terminal" with the date and time "Jun 15 15:56". The terminal prompt is "ubuntu@ubuntu-VirtualBox: ~/Desktop". The user has executed the command "nano Q4.sh", which has opened a file named "Q4.sh". The content of the file is "30 is greater than 20". The user has then executed the command "bash Q4.sh", which has run the script. The output of the script is "30 is greater than 20". The terminal window has a dark background and a light-colored text. The window title bar shows "Activities", "Terminal", and the date and time. The terminal window has a search bar and a menu icon. The terminal window has a vertical scrollbar on the right side.

```
ubuntu@ubuntu-VirtualBox: ~/Desktop
nano Q4.sh
30 is greater than 20
ubuntu@ubuntu-VirtualBox: ~/Desktop$
```

Question-5

a

Wireshark interface showing a packet capture on the 'http' filter. The selected packet is a GET request to http://www2.kuhs.ac.in/. The packet details pane shows the Hypertext Transfer Protocol section expanded, displaying the request line, host, connection, upgrade-insecure-requests, user-agent, accept, referer, accept-encoding, and accept-language headers. The packet bytes pane shows the raw data in hexadecimal and ASCII.

Transmission Control Protocol, Src Port: 50727, Dst Port: 80, Seq: 1, Ack: 1, Len: 459

Hypertext Transfer Protocol

GET / HTTP/1.1\r\n

Host: www2.kuhs.ac.in\r\n

Connection: keep-alive\r\n

Upgrade-Insecure-Requests: 1\r\n

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/102.0.0.0 Safari/537.36\r\n

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.9\r\n

Referer: https://kuhs.ac.in/\r\n

Accept-Encoding: gzip, deflate\r\n

Accept-Language: en-US,en;q=0.9\r\n

\r\n

[Full request URI: http://www2.kuhs.ac.in/]

b

Wireshark interface showing a packet capture on the 'http' filter. The selected packet is a GET request to http://kuhs.ac.in/. The packet details pane shows the Hypertext Transfer Protocol section expanded, displaying the request line, host, connection, cache-control, upgrade-insecure-requests, user-agent, accept, referer, accept-encoding, accept-language, if-none-match, and if-modified-since headers. The packet bytes pane shows the raw data in hexadecimal and ASCII.

Host: kuhs.ac.in\r\n

Connection: keep-alive\r\n

Cache-Control: max-age=0\r\n

Upgrade-Insecure-Requests: 1\r\n

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/102.0.0.0 Safari/537.36\r\n

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.9\r\n

Referer: https://www.google.com/\r\n

Accept-Encoding: gzip, deflate\r\n

Accept-Language: en-US,en;q=0.9\r\n

If-None-Match: "780f15-58d-5862a2a3de0c0"\r\n

If-Modified-Since: Wed, 10 Apr 2019 10:02:19 GMT\r\n

\r\n

[Full request URI: http://kuhs.ac.in/]

c

Ethernet

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

http

No.	Time	Source	Destination	Protocol	Length	Info
1192..	607.200202	172.20.32.0	172.20.31.37	HTTP/X..	787	POST /ec33a2f6-17d0-46a0-8294-ed720e8f29c9/ HTTP/1.1
1192..	607.213435	172.20.31.37	172.20.32.0	HTTP/X..	1011	HTTP/1.1 200
1196..	608.724093	fe80::f8a8:c245:420..	fe80::909c:8f43:1b3..	HTTP/X..	807	POST /ec33a2f6-17d0-46a0-8294-ed720e8f29c9/ HTTP/1.1
1196..	608.744025	fe80::909c:8f43:1b3..	fe80::f8a8:c245:420..	HTTP/X..	985	HTTP/1.1 200
1219..	620.144716	172.20.32.0	172.20.202.16	HTTP/X..	941	POST /PrinterService HTTP/1.1
1220..	620.202189	172.20.202.16	172.20.32.0	HTTP/X..	595	HTTP/1.1 200 OK
1220..	620.209844	172.20.32.0	172.20.202.16	HTTP/X..	1078	POST /PrinterService HTTP/1.1
1220..	620.278507	172.20.202.16	172.20.32.0	HTTP/X..	1255	HTTP/1.1 200 OK
1220..	620.400292	172.20.32.0	172.20.202.16	HTTP/X..	881	POST / HTTP/1.1
1220..	620.459386	172.20.202.16	172.20.32.0	HTTP/X..	1494	HTTP/1.1 200 OK
1221..	620.551543	172.20.32.0	172.20.202.16	HTTP/X..	881	POST / HTTP/1.1
1221..	620.601759	172.20.202.16	172.20.32.0	HTTP/X..	1494	HTTP/1.1 200 OK
1221..	620.633791	172.20.32.0	172.20.202.16	HTTP/X..	881	POST / HTTP/1.1
1221..	620.682948	172.20.202.16	172.20.32.0	HTTP/X..	1494	HTTP/1.1 200 OK

> Transmission Control Protocol, Src Port: 80, Dst Port: 50793, Seq: 1, Ack: 1012, Len: 1440

HyperText Transfer Protocol

HTTP/1.1 200 OK\r\n

[Expert Info (Chat/Sequence): HTTP/1.1 200 OK\r\n]

Response Version: HTTP/1.1

Status Code: 200

[Status Code Description: OK]

Response Phrase: OK

Server: gSOAP/2.7\r\n

Content-Type: application/soap+xml; charset=utf-8\r\n

Content-Length: 1310\r\n

Connection: close\r\n

\r\n

0000 f4 39 09 2e 67 d5 00 20 6b bf 26 3f 00 00 45 00 9..g...k &?...E-

0010 05 c8 ba 4e 00 00 40 06 78 a8 ac 14 ca 10 ac 14 ...N.@ x.....

0020 20 00 00 50 c6 69 5a 2e 4c 25 e1 c5 00 a0 50 16 ...P 2...L...p-

0030 27 10 ad 6c 00 00 48 54 54 50 2f 31 2e 31 20 32 ...1..HT P/1.1 2

0040 30 30 20 4f 4b 0d 0a 53 65 72 76 65 72 3a 20 67 00 OK...S ervice: g

0050 53 4f 41 50 2f 32 2e 37 0d 0a 43 6f 6e 74 65 6e SOAP/2.7 ..Conten

0060 74 2d 54 79 70 65 3a 20 61 70 70 6c 69 63 61 74 t-Type: applicat

0070 69 6f 6e 2f 73 6f 61 70 2b 78 6d 6c 3b 20 63 68 ion/soap +xml; ch

0080 61 72 73 65 74 3d 75 74 66 2d 38 0d 0a 43 6f 6e arset=utf f-8..Con

0090 74 65 6e 74 2d 4c 65 6e 67 74 68 3a 20 31 33 31 tent-Len gth: 131

00a0 30 0d 0a 43 6f 6e 6e 65 63 74 69 6f 6e 3a 20 63 0 ..Connec tion: c

00b0 6c 6f 73 65 0d 0a 0d 0a 3c 3f 70 6d 6c 20 76 65 lose...<xml ve

00c0 72 73 69 6f 6e 3d 22 31 2e 30 22 20 65 6e 63 6f rsion="1 .0" enco

00d0 64 69 6e 67 3d 22 55 54 46 2d 38 22 3f 0a 3c ding="UT F-8"?><

00e0 73 6f 61 70 3a 45 6e 76 65 6c 6f 70 65 20 78 6d soap:Env elope xm

HyperText Transfer Protocol: Protocol

Packets: 135100 · Displayed: 103 (0.1%)

Profile: Default

Type here to search

ENG 3:49 PM 6/15/2022