

Ок, прошёлся по инструкции получил такое окно:

The image shows a Wireshark network traffic capture window titled '\*wlp3s0'. The interface includes a menu bar (File, Edit, View, Go, Capture, Analyze, Statistics, Telephony, Wireless, Tools, Help) and a toolbar with various icons for packet capture and analysis. The packet list pane at the top shows three captured packets:

No.	Time	Source	Destination	Protocol	Length	Info
61	19.210402629	192.168.31.58	128.119.245.12	HTTP	538	GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1
64	19.462126715	128.119.245.12	192.168.31.58	HTTP	552	HTTP/1.1 200 OK (text/html)
67	19.973089633	128.119.245.12	192.168.31.58	HTTP	552	[TCP Spurious Retransmission] HTTP/1.1 200 OK (text/html)

The packet details pane for the selected packet (No. 61) shows the following structure:

- Frame 61: 538 bytes on wire (4304 bits), 538 bytes captured (4304 bits) on interface wlp3s0, id 0
- Ethernet II, Src: HonHaiPr\_15:31:4d (b0:52:16:15:31:4d), Dst: BeijingX\_d6:96:5a (88:c3:97:d6:96:5a)
- Internet Protocol Version 4, Src: 192.168.31.58, Dst: 128.119.245.12
- Transmission Control Protocol, Src Port: 47138, Dst Port: 80, Seq: 1, Ack: 1, Len: 472
- Hypertext Transfer Protocol

The packet bytes pane at the bottom displays the raw data in hexadecimal and ASCII. The ASCII portion shows the HTTP request line and headers:

```
GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1
Host: gaia.cs.umass.edu
User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:97.0) Gecko/20100101 Firefox/97.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8
```

The status bar at the bottom indicates: wireshark\_wlp3s0\_20220224122359\_crQPgY.pcapng, Packets: 360 · Displayed: 3 (0.8%), Profile: Default.

Вопрос 1.1)

В обоих случаях  
использовался HTTP  
1.1.

No.	Time	Source	Destination	Protocol	Length	Info
61	19.210402629	192.168.31.58	128.119.245.12	HTTP	538	GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1
62	19.462126715	128.119.245.12	192.168.31.58	HTTP	552	HTTP/1.1 200 OK (text/html)
63	19.210402629	192.168.31.58	128.119.245.12	HTTP	538	GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1
64	19.462126715	128.119.245.12	192.168.31.58	HTTP	552	HTTP/1.1 200 OK (text/html)
67	19.973089633	128.119.245.12	192.168.31.58	HTTP	552	[TCP Spurious Retransmission]

▶ Frame 64: 552 bytes on wire (4416 bits), 552 bytes captured (4416 bits) on interface wlp3s0, id 0
▶ Ethernet II, Src: BeijingX_d6:96:5a (88:c3:97:d6:96:5a), Dst: HonHaiPr_15:31:4d (b0:52:16:15:31:4d)
▶ Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.31.58
▶ Transmission Control Protocol, Src Port: 80, Dst Port: 47138, Seq: 1, Ack: 473, Len: 486
▼ Hypertext Transfer Protocol
▶ HTTP/1.1 200 OK\r\n

Вопрос 1.2)

```
▼ Hypertext Transfer Protocol
  ▶ GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1\r\n
    Host: gaia.cs.umass.edu\r\n
    User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:97.0) Gecko/20100101 Firefox/97.0\r\n
    Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8\r\n
    Accept-Language: en-US,en;q=0.5\r\n
```

Языки получается en-US и en.

А так же он передаёт операционку, архитектуру, название браузера.

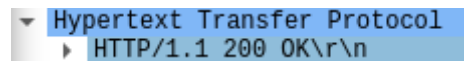
Вопрос 1.3)

No.	Time	Source	Destination
61	19.210402629	192.168.31.58	128.119.245.12
64	19.462126715	128.119.245.12	192.168.31.58

192.168.31.58 – это я.

128.119.245.12 – это сервер.

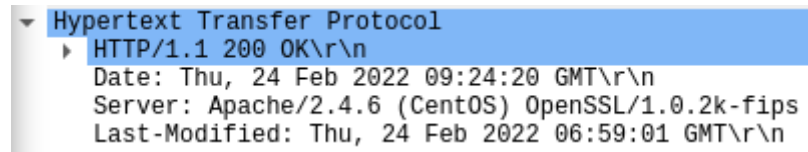
Вопрос 1.4)

A screenshot of a web browser's developer console. The console shows a message under the heading "Hypertext Transfer Protocol". The message is "HTTP/1.1 200 OK\r\n". The text is displayed in a light blue font on a dark blue background.

Hypertext Transfer Protocol  
HTTP/1.1 200 OK\r\n

Код возврата 200 – в переводе на русский всё тип топ.

Вопрос 1.5)

A screenshot of a web browser's status bar. The text is displayed on a blue background. It shows the protocol 'Hypertext Transfer Protocol', the status 'HTTP/1.1 200 OK', and three headers: 'Date: Thu, 24 Feb 2022 09:24:20 GMT', 'Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips', and 'Last-Modified: Thu, 24 Feb 2022 06:59:01 GMT'.

```
Hypertext Transfer Protocol
HTTP/1.1 200 OK
Date: Thu, 24 Feb 2022 09:24:20 GMT
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips
Last-Modified: Thu, 24 Feb 2022 06:59:01 GMT
```

Я так понимаю, что последний раз модифицировался в 06:59:01 24 февраля 2022.

Вопрос 6)

No.	Time	Source	Destination	Protocol	Length	Info
61	19.210402629	192.168.31.58	128.119.245.12	HTTP	538	GET /wireshark-labs/HTTP-wire
64	19.462126715	128.119.245.12	192.168.31.58	HTTP	552	HTTP/1.1 200 OK (text/html)
67	19.973089633	128.119.245.12	192.168.31.58	HTTP	552	[TCP Spurious Retransmission]

▼ Frame 64: 552 bytes on wire (4416 bits), 552 bytes captured (4416 bits) on interface wlp3s0, id 0

Мне вернули 552 байта.