

EXERCISE 3

1. Status code: 200
Phrase: OK
2. Last-Modified: Tue, 23 Sep 2003 05:29:00 GMT
Yes, also contains date section which is different to last modified by 50 seconds.

Date represents when the response first originated

Last Modified represents when the file was last modified.

3. It is persistent because of the line: Connection: Keep-Alive.

For non-persistent it would be: Connections: Keep-Alive

Also, in HTTP/1.1 the connection is persistent by default unless you add the "Connection: close".

4. 73 bytes

5. <html>\n

Congratulations. You've downloaded the file lab2-1.html!\n

<html>\n

EXERCISE 4

1. No
2. Yes, Last-Modified: Tue, 23 Sep 2003 05:35:00 GMT
3. Yes, If-Modified-Since: Tue, 23 Sep 2003 05:35:00 GMT
Yes, If-None-Match: "1bfef-173-8f4ae900"
4. Status Code: 304

Phrase: Not Modified

No the server didn't return the contents of the file because of the if-modified tag. the file wasn't modified after the date in the if-modified tag so the response sent an error message.

5. ETag: "1bfef-173-8f4ae900"

The ETag response header is an identifier for a specific version of a resource.

As the file has not changed since the last response, the ETag value has also not changed.