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CSCD330 Assignment #3 Part1

1. Write out an http 1.0 request line to obtain a file called, horse.jpg

        GET /path/to/file/horse.jpg HTTP/1.0

2. Write an http 1.0 response line for a file that exists. Just the first line of the HTTP response.

        HTTP/1.0 200 OK

3. Write an http 1.0 response line for a file that does not exist. Just the first line of the HTTP response.

        HTTP/1.0 404 Not Found

4. Write out a header line for content type for text/html

        Content-Type: text/html

5. What does the http error code 301 mean?

        Moved permanatley

6. What characters do you put at the end of each http header line?

        CRLF(carriage return)

7. How would a web server response respond to a request for the file, doggy.jpg found in the directory /pictures/dogs/2015/ ? Write out the HTTP response headers.

        HTTP/1.0 200 OK
        Date: Fri, 31 Dec 2017 23:59:59 GMT
        Content-Type: text/html
        Content-Length: 1354

8. What are the port number(s) commonly assigned to WebServers ?

        80

9. What is the current version of HTTP being used in 2016?

        HTTP/2

10. What is the underlying transport protocol used by HTTP?

        TCP/IP

11. Write out an exchange of HTTP messages between a client and server that shows "state" was maintained

        GET /path/file.html HTTP/1.0
        From: someuser@mail.com
        User-Agent: HTTPTool/1.0

        HTTP/1.0 200 OK
        Date: Fri, 31 Dec 2017 23:59:59 GMT
        Content-Type: text/html
        Content-Length: 1354