

1. **Write out an http 1.0 request line to obtain a file called, horse.jpg**
Get /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/plain
5. **What does the http error code 301 mean?**
It means the file has been permanently moved and URL redirection is necessary
6. **What characters do you put at the end of each http header line?**
Carriage return character and newline character
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/1.1 200 OK\r\n
Server: ATS/8.0.6r\r\n
Access-Control-Allow-Origin: *\r\n
Connection: Keep-Alive\r\n
Content-Type: image/jpeg\r\n
Date: Thurs, 6 Feb 2020 16:06:00 GMT\r\n
Last-Modified: Wed, 5 Feb 2020 02:36:04 GMT\r\n
8. **What are the port number(s) commonly assigned to WebServers ?**
80
9. **What is the current version of HTTP being used in 2016?**
1.1
10. **What is the underlying transport protocol used by HTTP?**
TCP

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

GET /cookie/servlet/TestCookieClass HTTP/1.1

Accept: image/gif, image/jpeg, */*

Accept-Language: en-us

Accept-Encoding: gzip, deflate

User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1)

Host: 127.0.0.1:8000

Connection: Keep-Alive

HTTP/1.1 200 OK

Set-Cookie: cc4=4444; Expires=Tue, 10-Feb-2004 18:32:03 GMT

Content-Type: text/html; charset=ISO-8859-1

Content-Length: 550

Date: Tue, 10 Feb 2004 04:38:43 GMT

Server: Apache-Coyote/1.1

(response message body omitted)