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Deliverable 1: Image shows a head request to localhost, with HTTP status code 408 or request timeout.

```
[Connor@schulerVM ~]$ telnet localhost 8080
Trying ::1...
Connected to localhost.
Escape character is '^'.
HEAD / HTTP/1.1
Host: localhost
HTTP/1.1 408 Request Timeout
Date: Thu, 29 Jan 2026 01:46:16 GMT
Server: Apache/2.4.62 (Rocky Linux)
Connection: close
Content-Type: text/html; charset=iso-8859-1

Connection closed by foreign host.
```

Deliverable 2: Image shows the headers for the request of 05_simple.html, highlighted are the content-type, last-modified, and user-agent header tags.

▼ General	
Request URL	https://web.ics.purdue.edu/~gchopra/class/public/pages/webdesign/05_simple.html
Request Method	GET
Status Code	● 200 OK (from disk cache)
Remote Address	128.210.13.35:443
Referrer Policy	strict-origin-when-cross-origin
▼ Response Headers	
Accept-Ranges	bytes
Content-Length	1807
Content-Type	text/html
Date	Thu, 29 Jan 2026 01:55:08 GMT
Etag	"70f-529340fa7b28d"
Last-Modified	Wed, 13 Jan 2016 09:47:41 GMT
Server	Apache/2.4.6 () OpenSSL/1.0.2k-fips
▼ Request Headers	
⚠ Provisional headers are shown. Disable cache to see full headers. Learn more	
Upgrade-Insecure-Requests	1
User-Agent	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/144.0.0.0 Safari/537.36

Image shows the headers for the request of prettypicture.jpg, highlighted is the content-type, and referrer. The referrer is 05_simple.html because that was the html page loaded, which contains an tag for prettypicture.jpg.

▼ General	
Request URL	https://web.ics.purdue.edu/~gchopra/class/public/pages/webdesign/example/prettypicture.jpg
Request Method	GET
Status Code	200 OK (from memory cache)
Remote Address	128.210.13.35:443
Referrer Policy	strict-origin-when-cross-origin
▼ Response Headers	
Accept-Ranges	bytes
Content-Length	22061
Content-Type	image/jpeg
Date	Thu, 29 Jan 2026 01:55:08 GMT
Etag	"562d-529340fab0701"
Last-Modified	Wed, 13 Jan 2016 09:47:41 GMT
Server	Apache/2.4.6 () OpenSSL/1.0.2k-fips
Strict-Transport-Security	max-age=16070400; includeSubDomains
▼ Request Headers	
⚠ Provisional headers are shown. Disable cache to see full headers. Learn more	
Referer	https://web.ics.purdue.edu/~gchopra/class/public/pages/webdesign/05_simple.html
Sec-Ch-Ua	"Not(A:Brand";v="8", "Chromium";v="144", "Google Chrome";v="144"
Sec-Ch-Ua-Mobile	?0
Sec-Ch-Ua-Platform	"Windows"
User-Agent	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/144.0.0.0 Safari/537.36

Deliverable 3: I was unable to get Status code 304, it requires that the If-Modified-Since header be included. It tells the server to only send the full document if it has been modified since the date/time in the header.