

Test Case 1: Run client when web object not cached (or no cache exists)

```
ct890@LAPTOP-41P1T1GR MINGW64 /d/Users/ct890/documents/NJIT/2Spring2020/CS356/HTT
P
$ py httpclient.py 127.0.0.1:12000/filename.html
Sending the following GET request:
GET /filename.html HTTP/1.1
Host: 127.0.0.1:12000

Received the following response:
HTTP/1.1 200 OK
Date: Tue, 07 Apr 2020 21:02:44 GMT
Last-Modified: Tue, 07 Apr 2020 21:01:41 GMT
Content-Length: 720
Content-Type: text/html; charset=UTF-8

Content of file:
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/str
ict.dtd">
<html>
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8">
  <meta http-equiv="Content-Style-Type" content="text/css">
  <title></title>
  <meta name="Generator" content="Cocoa HTML Writer">
  <meta name="CocoaVersion" content="1404.47">
  <style type="text/css">
    p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px Helvetica}
  </style>
</head>
<body>
<p class="p1">&lt;html&gt;</p>
<p class="p1">&lt;p&gt;First Line&lt;br /&gt;</p>
<p class="p1">Second Line&lt;br /&gt;</p>
<p class="p1">Third Line&lt;br /&gt;</p>
<p class="p1">COMPLETE&lt;p&gt;</p>
<p class="p1">&lt;html&gt;</p>
</body>
</html>
```

Test Case 2: Run client when web object cached, but not modified on server

```
ct890@LAPTOP-41P1T1GR MINGW64 /d/Users/ct890/documents/NJIT/2Spring2020/CS356
P
$ py httpclient.py 127.0.0.1:12000/filename.html
Sending the following conditional GET request:
GET /filename.html HTTP/1.1
Host: 127.0.0.1:12000
If-Modified-Since: Tue, 07 Apr 2020 21:01:41 GMT

Received the following response:
HTTP/1.1 304 Not Modified
Date: Tue, 07 Apr 2020 21:03:10 GMT
```

### Test Case 3: Run client when web object cached, but modified on server

```
ct890@LAPTOP-41P1T1GR MINGW64 /d/Users/ct890/documents/NJIT/2Spring2020/CS356
P
$ py httpclient.py 127.0.0.1:12000/filename.html
Sending the following conditional GET request:
GET /filename.html HTTP/1.1
Host: 127.0.0.1:12000
If-Modified-Since: Tue, 07 Apr 2020 21:01:41 GMT

Received the following response:
HTTP/1.1 200 OK
Date: Tue, 07 Apr 2020 21:03:43 GMT
Last-Modified: Tue, 07 Apr 2020 21:03:32 GMT
Content-Length: 721
Content-Type: text/html; charset=UTF-8

New content of file:
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4
ict.dtd">
<html>
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8">
  <meta http-equiv="Content-Style-Type" content="text/css">
  <title></title>
  <meta name="Generator" content="Cocoa HTML Writer">
  <meta name="CocoaVersion" content="1404.47">
  <style type="text/css">
    p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px Helvetica}
  </style>
</head>
<body>
<p class="p1">&lt;html&gt;</p>
<p class="p1">&lt;p&gt;First Line&lt;br /&gt;</p>
<p class="p1">Second Line&lt;br /&gt;</p>
<p class="p1">Third Line&lt;br /&gt;</p>
<p class="p1">COMPLETED&lt;p&gt;</p>
<p class="p1">&lt;html&gt;</p>
</body>
</html>
```

### Test Case 4: Web object does not exist

```
ct890@LAPTOP-41P1T1GR MINGW64 /d/Users/ct890/documents/NJIT/2Spring2020/CS356
P
$ py httpclient.py 127.0.0.1:12000/filename.html
Sending the following GET request:
GET /filename.html HTTP/1.1
Host: 127.0.0.1:12000

Received the following response:
HTTP/1.1 404 Not Found
Date: Tue, 07 Apr 2020 21:04:31 GMT
Content-Length: 0
```