Dan Bonnett
CMPSCI 381 Lab 10
Due Date: 4/14/2016

Honor Code: *This work is my own unless otherwise cited.*

TEST 1:

bonnettd@aldenv137:~/cs381s2016/lab10$ telnet localhost 12345
Trying ::1...
Trying 127.0.0.1...
Connected to localhost.
Escape character is '^]'.
GET http://cs.allegheny.edu/sites/rroos/index.html HTTP/1.1
HTTP/1.1 200 OK
Date: Thu, 07 Apr 2016 20:05:29 GMT
Server: Apache/2.2.22 (Ubuntu)
Last-Modified: Fri, 22 Jan 2016 01:33:28 GMT
ETag: "1a2c2d-10fe-529e234c2a5bb"
Accept-Ranges: bytes
Content-Length: 4350
Vary: Accept-Encoding
Connection: close
Content-Type: text/html

<!DOCTYPE html>
<html class="full" lang="en">

<head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <!--<meta name="description" content="">-->
        <!--<meta name="author" content="">-->

        <title>Bob Roos</title>

        <!--<link rel="icon" href="">-->

        <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">
        <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap-
theme.min.css">

        <!-- Found code for background image at: http://ironsummitmedia.github.io/startbootstrap-full/
-->
        <link href="full.css" rel="stylesheet">

        <!-- Found code for transparency at: http://codepen.io/melsumner/pen/AvpjI -->
        <style>
                .trans {
                        background-color:rgba(255,255,255,.8);
                }
        </style>

```html
        </head>

        <body class="trans">
                <div class="container-fluid">
                        <div class="row">
                                <div class="col-sm-3">
                                        <img class="img-responsive" width="80%" src="cluny.png">
                                </div>
                                <div class="col-sm-9">
                                        <center>
                                                <h2>Bob Roos</h2>
                                                <h3> Associate Professor,<a
href="http://cs.allegheny.edu"> Department of Computer Science</a>
                                                        <br>
                                                        <a href="http://www.allegheny.edu">Allegheny
College</a>

                                                        <br>
                                                        <ADDRESS> <A
href="mailto:rroos@allegheny.edu"> rroos@allegheny.edu</A><BR>
                </ADDRESS>

                                                </h3>
                                        </center>
                                <div class="row">
                                  <div class="col-sm-6">
                                    <center>
                                      <h3><a href="cvaug2015.pdf">My CV</a></h3>
                                     </center>
                                  </div>
                                  <div class="col-sm-6">
                                     <h3><a href="senior2014.pdf">Senior Projects</a></h3>
                                  </div>
                                </div>
                                </div>
                        </div>
                        <div class="row">
                                <div class="col-sm-7">
                                        <h2 style="color:#000099">Courses for Spring 2016</h2>
                                        <h3>
                                                <ul>
                                                        <li> <a
href="http://cs.allegheny.edu/sites/rroos/cs381s2016">CMPSC 381: Data Communications and
Networks</a>
                                                        </li>
                                                        <br>
                                                        <li> <a
href="http://cs.allegheny.edu/sites/rroos/fs102s2016">FS102: Virtual Pen, Virtual Paper (Academic
Discourse II)</a>
                                                        </li>
```

```html
									<br>
									<li> <a
href="http://www.cs.allegheny.edu/sites/gkapfham/teaching/cs600F2015/">CMPSC 600: Senior Thesis
I</a> (taught by the entire Department faculty)
											</li>
										</ul>
									</h3>
									<h2 style="color:!000099">
											<a
href="http://cs.allegheny.edu/sites/rroos/pastcourses.html">Past Courses</a>
										</h2>
								</div>


								<div class="col-sm-5">
										<h2>
									<h2 style="color:#000099">Office Hours for Spring 2016</h2>
											<h3><ul>
			<li>Mon 10  &ndash; 11:30 a.m.; 2:30  &ndash; 4 p.m.</li>
			<li>Tue 9  &ndash; 10:30 a.m.</li>
			<li>Wed 10  &ndash; 11:30 a.m.; 2:30  &ndash; 4 p.m.</li>
			<li>Thu 9  &ndash; 10:30 a.m.</li>
											</ul>
											<a
href="http://cs.allegheny.edu/sites/rroos/schedule.html">Click here to
											schedule a time slot during my office hours.</a>
									</h3>
<div ><p id="delay"></p></div>
	<script>
	  var d = new Date();
	  var trigger=new Date();
	  trigger.setFullYear(2016,0,21);
	  trigger.setHours(20);
	  trigger.setMinutes(33);
//	    if ( d>=trigger) {
//	      document.getElementById("delay").innerHTML = '<a href="http://google.com">google</a>';
//	      }

	</script>
									</h2>
								</div>
						</div>
								<div class="row">
										<div class="col-sm-12">
									<p style="margin-bottom:0.5in">

										</p>
												<p align="right" style="font-size:15px"> Background
image:
```

<img src="creative-commons80x15.png" alt="Creative Commons Creative Commons Attribution-Noncommercial 2.0 Generic License" title="Creative Commons Creative Commons Attribution-Noncommercial 2.0 Generic License"> Paper Cranes Close-up by royalt, on Flickr
                              </p>
                    </div>
                    </div>
            </div>
        </body>

</html>
Connection closed by foreign host.

TEST 2:   stackoverflow.com/questions

bonnettd@aldenv137:~/cs381s2016/lab10$ telnet localhost 12345
Trying ::1...
Trying 127.0.0.1...
Connected to localhost.
Escape character is '^]'.
GET http://stackoverflow.com/questions HTTP/1.1
HTTP/1.1 403 Forbidden
Date: Thu, 07 Apr 2016 20:12:59 GMT
Content-Type: text/html; charset=UTF-8
Connection: close
Set-Cookie: __cfduid=da6987af912adedfb592bec47a1b4e6ff1460059979; expires=Fri, 07-Apr-17 20:12:59 GMT; path=/; domain=.16f69; HttpOnly
Cache-Control: max-age=15
Expires: Thu, 07 Apr 2016 20:13:14 GMT
X-Frame-Options: SAMEORIGIN
Server: cloudflare-nginx
CF-RAY: 2900233af275245c-IAD

<!DOCTYPE html>
<!--[if lt IE 7]> <html class="no-js ie6 oldie" lang="en-US"> <![endif]-->
<!--[if IE 7]>   <html class="no-js ie7 oldie" lang="en-US"> <![endif]-->
<!--[if IE 8]>   <html class="no-js ie8 oldie" lang="en-US"> <![endif]-->
<!--[if gt IE 8]><!--> <html class="no-js" lang="en-US"> <!--<![endif]-->
<head>
<title>Direct IP access not allowed | CloudFlare</title></title>
<meta charset="UTF-8" />
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
<meta http-equiv="X-UA-Compatible" content="IE=Edge,chrome=1" />
<meta name="robots" content="noindex, nofollow" />
<meta name="viewport" content="width=device-width,initial-scale=1,maximum-scale=1" />

```html
<link rel="stylesheet" id="cf_styles-css" href="/cdn-cgi/styles/cf.errors.css" type="text/css"
media="screen,projection" />
<!--[if lt IE 9]><link rel="stylesheet" id='cf_styles-ie-css' href="/cdn-cgi/styles/cf.errors.ie.css"
type="text/css" media="screen,projection" /><![endif]-->
<style type="text/css">body{margin:0;padding:0}</style>
<!--[if lte IE 9]><script type="text/javascript" src="/cdn-cgi/scripts/jquery.min.js"></script><![endif]--
>
<!--[if gte IE 10]><!--><script type="text/javascript" src="/cdn-cgi/scripts/zepto.min.js"></script><!--
<![endif]-->
<script type="text/javascript" src="/cdn-cgi/scripts/cf.common.js"></script>

</head>
<body>
  <div id="cf-wrapper">
    <div class="cf-alert cf-alert-error cf-cookie-error" id="cookie-alert" data-
translate="enable_cookies">Please enable cookies.</div>
    <div id="cf-error-details" class="cf-error-details-wrapper">
      <div class="cf-wrapper cf-header cf-error-overview">
        <h1>
          <span class="cf-error-type" data-translate="error">Error</span>
          <span class="cf-error-code">1003</span>
          <small class="heading-ray-id">Ray ID: 2900233af275245c &bull; 2016-04-07 20:12:59
UTC</small>
        </h1>
        <h2 class="cf-subheadline" data-translate="error_desc">Direct IP access not allowed</h2>
      </div><!-- /.header -->

      <section></section><!-- spacer -->

      <div class="cf-section cf-wrapper">
        <div class="cf-columns two">
          <div class="cf-column">
            <h2 data-translate="what_happened">What happened?</h2>
            <p>You've requested an IP address that is part of the <a data-orig-proto="https" data-orig-
ref="www.cloudflare.com/5xx-error-landing?utm_source=error_100x"
target="_blank">CloudFlare</a> network. A valid Host header must be supplied to reach the desired
website.</p>
          </div>


          <div class="cf-column">
            <h2 data-translate="what_can_i_do">What can I do?</h2>
            <p>If you are interested in learning more about CloudFlare, please <a data-orig-proto="https"
data-orig-ref="www.cloudflare.com/5xx-error-landing?utm_source=error_100x" target="_blank">visit
our website</a>.</p>
          </div>

        </div>
      </div><!-- /.section -->
```

```
      <div class="cf-error-footer cf-wrapper">
  <p>
    <span class="cf-footer-item">CloudFlare Ray ID: <strong>2900233af275245c</strong></span>
    <span class="cf-footer-separator">&bull;</span>
    <span class="cf-footer-item"><span data-translate="your_ip">Your IP</span>:
141.195.226.137</span>
    <span class="cf-footer-separator">&bull;</span>
    <span class="cf-footer-item"><span data-translate="performance_security_by">Performance &amp;
security by</span> <a data-orig-proto="https" data-orig-ref="www.cloudflare.com/5xx-error-landing?
utm_source=error_footer" id="brand_link" target="_blank">CloudFlare</a></span>

  </p>
</div><!-- /.error-footer -->


  </div><!-- /#cf-error-details -->
  </div><!-- /#cf-wrapper -->

  <script type="text/javascript">
  window._cf_translation = {};


</script>

</body>
</html>
Connection closed by foreign host.
```