Question 1:
What HTTP command is used to make the /home resource respond with your full name (including spaces), the title of the page should be the full title of this class.

Request:

GET /home?name=Sindhuja%20Jeyabal&title=INFO%20253%20Web%20Architecture HTTP/1.1

Response:

HTTP/1.0 200 OK

Content-Type: text/html; charset=utf-8

Content-Length: 262

Server: Werkzeug/0.8.3 Python/2.7.3

Date: Fri, 03 Oct 2014 04:09:42 GMT

<!DOCTYPE html>

<html lang="en-us">

    <head>

        <meta charset="utf-8">

        <title>INFO 253 Web Architecture</title>

        <link rel="stylesheet" href="static/css/default.css">

    </head>

    <body>

        <div class="container">

            Hello Sindhuja Jeyabal

        </div>

    </body>

</html>Connection closed by foreign host.

Question 2:

Use a PUT request to set the redirect target
of http://people.ischool.berkeley.edu/~<USER>/server/wiki

Request:

PUT /wiki HTTP/1.1

Host: localhost

Content-Length: 28

Content-Type: application/x-www-form-urlencoded

url=http://www.newyorker.com

Verification:

It is verified by using " GET /wiki HTTP/1.1". We encounter a redirect (302) with the location field as
http://www.newyorker.com/

Response:

telnet localhost $FLASK_PORT

Trying 127.0.0.1...

Connected to localhost.

Escape character is '^]'.

PUT /wiki HTTP/1.1

Content-length:28

Content-Type:application/x-www-form-urlencoded

url=http://www.newyorker.com/

HTTP/1.0 200 OK

Content-Type: text/html; charset=utf-8

Content-Length: 40

Server: Werkzeug/0.8.3 Python/2.7.3

Date: Tue, 30 Sep 2014 20:18:04 GMT

Stored wiki => http://www.newyorker.com/Connection closed by foreign host.

harbinger:~/webarch2014$ telnet localhost $FLASK_PORT

Trying 127.0.0.1...

Connected to localhost.

Escape character is '^]'.

GET /wiki HTTP/1.1

HTTP/1.0 302 FOUND

Content-Type: text/html; charset=utf-8

Content-Length: 257

Location: http://www.newyorker.com/

Server: Werkzeug/0.8.3 Python/2.7.3

Date: Tue, 30 Sep 2014 20:18:18 GMT

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">

<title>Redirecting...</title>

<h1>Redirecting...</h1>

<p>You should be redirected automatically to target URL: http://www.newyorker.com/. If not click the link.Connection closed by foreign host.

Question 3:

Use a POST to update the redirect target of http://people.ischool.berkeley.edu/~<USER>/server/wiki to another new location.

Request:

> POST /wiki HTTP/1.1
>
> Host: localhost
>
> Content-Length: 24
>
> Content-Type: application/x-www-form-urlencoded
>
>
> url=http://www.yelp.com/

Question 4:

> Modified app.py -- resp.headers['Content-Type'] = 'image/png'

This code is overwritten by the Extra Credit task.

Extra Credit:

Request:

> GET /i253 HTTP/1.1

Response:

> HTTP/1.0 200 OK
>
> Content-Type: text/html; charset=utf-8
>
> Content-Length: 252
>
> Server: Werkzeug/0.8.3 Python/2.7.3
>
> Date: Fri, 03 Oct 2014 04:03:42 GMT
>
>
> <!DOCTYPE html>
>
> <html lang="en-us">
>
>   <head>
>
>   <meta charset="utf-8">

```
        <title></title>

        <link rel="stylesheet" href="static/css/default.css">

    </head>

    <body>

        <div class="container">

        <p> My friend Jim said i253 is fun</p>

        </div>

    </body>

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

Request:

GET /i253 HTTP/1.1

Accept:image/png

Created a text.html page in /templates and rendered this template when the accept header is not mentioned.

When 'image/png' is mentioned, the image response is returned.

The above call returns an image.