**1. 1**

harbinger:~$ telnet 127.0.0.1 $FLASK\_PORT

Trying 127.0.0.1...

Connected to 127.0.0.1.

Escape character is '^]'.

GET /home HTTP/1.1

Host: people.ischool.berkeley.edu

HTTP/1.0 200 OK **🡸RETURN CODE**

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

Content-Length: 228

Server: Werkzeug/0.8.3 Python/2.7.3

Date: Sat, 20 Sep 2014 23:47:33 GMT

<!DOCTYPE html>

<html lang="en-us">

<head>

<meta charset="utf-8">

<title>i253</title>

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

</head>

<body>

<div class="container">

Hello Jim

</div>

</body>

</html>Connection closed by foreign host.

**1.2**

harbinger:~$ telnet 127.0.0.1 $FLASK\_PORT

Trying 127.0.0.1...

Connected to 127.0.0.1.

Escape character is '^]'.

GET /wiki HTTP/1.1

Host: people.ischool.berkeley.edu

HTTP/1.0 302 FOUND **🡸RETURN CODE**

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

Content-Length: 253

Location: http://en.wikipedia.org

Server: Werkzeug/0.8.3 Python/2.7.3

Date: Sun, 21 Sep 2014 00:01:49 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: <a href="http://en.wikipedia.org">http://en.wikipedia.org</a>. If not click the link.Connection closed by foreign host.

**1.2.1**

Because of the 302 HTTP/1.0 redirect code, the next request would be to connect to http://en.wikipedia.org.

telnet 208.80.154.224 80

GET /wiki/Main\_Page HTTP/1.1

Host: en.wikipedia.org

**1.3**

harbinger:~$ telnet 127.0.0.1 $FLASK\_PORT

Trying 127.0.0.1...

Connected to 127.0.0.1.

Escape character is '^]'.

PUT /wiki HTTP/1.1

**HTTP/1.0 200 OK 🡸RETURN CODE**

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

Content-Length: 38

Server: Werkzeug/0.8.3 Python/2.7.3

Date: Sun, 21 Sep 2014 01:31:54 GMT

Stored wiki => http://en.wikipedia.orgConnection closed by foreign host.

**2.**

The browser sends a GET request for /wiki which then gets a 302 return code which redirects to <http://en.wikipedi.org>. Then the browser sends a GET request to 208.80.154.224 80 for /wiki/Main\_Page. The browser then loads the HTML from there, the Wikipedia page.

**3.**

harbinger:~$ telnet 127.0.0.1 $FLASK\_PORT

Trying 127.0.0.1...

Connected to 127.0.0.1.

Escape character is '^]'.

GET / HTTP/1.1

Host: people.ischool.berkeley.edu

HTTP/1.0 404 NOT FOUND **🡸RETURN CODE**

Content-Type: text/html

Content-Length: 238

Server: Werkzeug/0.8.3 Python/2.7.3

Date: Sun, 21 Sep 2014 02:06:10 GMT

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

<title>404 Not Found</title>

<h1>Not Found</h1>

<p>The requested URL was not found on the server.</p><p>If you entered the URL manually please check your spelling and try again.</p>

Connection closed by foreign host.