

Socket Programming Assignment 1: Web Server

I have added following code to skeleton code. It will bind the port number to server socket and length of the queue.

```
serverSocket.bind('',1234))
serverSocket.listen(5)
```

Then added following code which will enable to server to listen for client connections.

```
connectionSocket, addr = serverSocket.accept()
```

Following line for HTTP responses as per requested files:

```
connectionSocket.send('\HTTP/1.1 200 OK\n\n')

connectionSocket.send('\HTTP/1.1 404 Not Found\n\n')
connectionSocket.send('404 Requested Page Not Found !!')
```

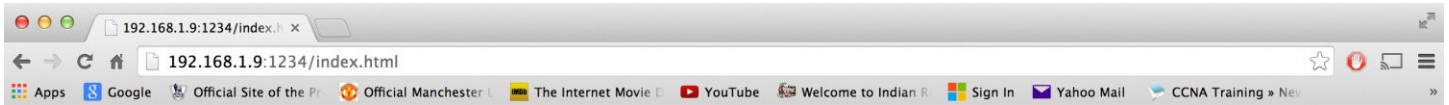
To run the server keep the WebServer.py and index.html file in the same folder.

Run following command:

```
python WebServer.py
```

Screenshots from different host:

URL: 192.168.1.9:1234/index.html



Hello World!!

URL: 192.168.1.9:1234/index2.html



Console Screenshot:

```
Python 2.7 (r27:82525, Jul  4 2010, 07:43:08) [MSC v.1500 64 bit (AMD64)] on win
32
Type "copyright", "credits" or "license()" for more information.
>>> ===== RESTART =====
>>>
Server started...
Ready To Serve...
Requested resource:/index.html
Ready To Serve...
Requested resource:/index2.html
404 Requested Resource Not Found !!
Ready To Serve...
|
```