I began my project using the server file uploaded on the blackboard. I changed my port number to 8080 and tried to print the HTTP GET request that I receive from my browser. The terminal showed gibberish output after entering 127.0.0.1:8080/DN.html. After spending around 20 minutes trying to figure out the problem was, I realized that I was using HTTPS instead of HTTP. Then I fixed my mistake and printed the GET request from my web browser. To check for the URL entered by the user, I used split method on data and compared the second item on the list to ‘/DN.html’. If the strings did not match, I sent a 404 error. If the strings did match, I imported DN.html file using codecs.open and sent its contents to the browser. Then I closed the connection to the server and put the whole program in infinite loop. As this project only contained URL as user input, I did not have to handle many exceptions. Thus I designed a web server that serves a html file when the URL requested by user is correct, else sends a 404 page not found message.